



Digitized by the Internet Archive  
in 2014

<https://archive.org/details/b19974760M3697>

The



# CHEMIST AND DRUGGIST

or RETAILER - WHOLESALE - MANUFACTURER

Founded 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3539  
EXLVIII

DECEMBER 20, 1947

Annual Subscription (with  
Diary) 30/- Single Copies 1/-

*A good Sign  
and a  
welcome Inn*

**BURGOYNE BURBIDGES**  
Established 1741 & COMPANY LIMITED, LONDON. E.6

...extend to all their Customers and Friends  
**Seasonal Greetings**

*A New*  
*Parke-Davis Product*

☆

# CARBTRITAL

☆

RAPID HYPNOSIS WITH  
PROLONGED SEDATION

In 'Carbtrital' Capsules the rapid, but relatively brief, hypnotic action of soluble pentobarbitone is combined with the prolonged sedative effect of carbromal, and in insomnia 'Carbtrital' produces slumber simulating natural and undisturbed sleep of adequate depth and duration, and patients awaken refreshed and alert.

'Carbtrital' is also indicated as a general sedative in neurasthenia, etc. for pre-operative sedation, in obstetrical practice, and routinely in minor operations.

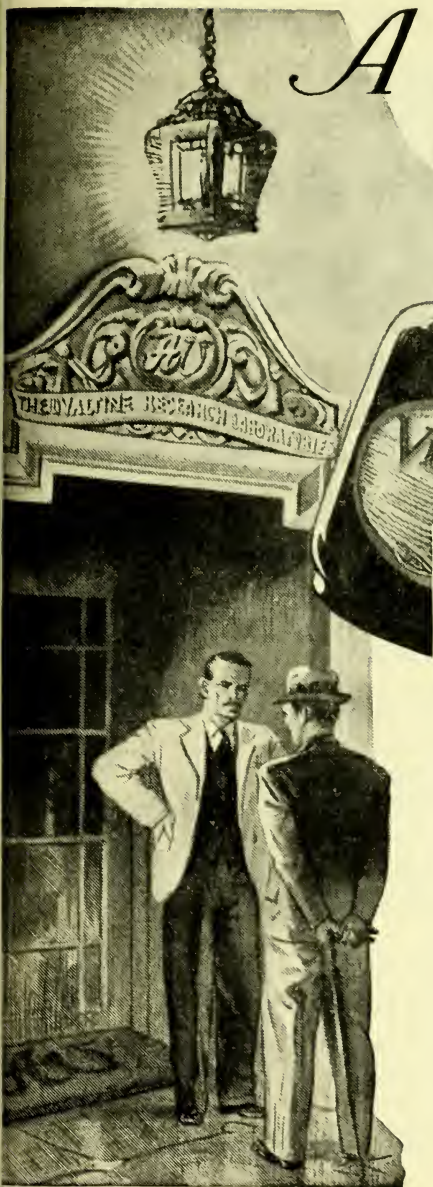
Each 'Carbtrital' Capsule contains  $1\frac{1}{2}$  grains of soluble pentobarbitone and 4 grains of carbromal. Subject to Schedule 4, Poison Regulations.

*Issued in vials of 25 capsules at 6/6 each, plus  $1/5\frac{1}{2}$  purchase tax.*

**PARKE, DAVIS & COMPANY**  
50, BEAK STREET, LONDON, W. 1  
LABORATORIES HOUNSLOW MIDDLESEX INC. USA LIABILITY LTD



# A Delicious, Concentrated Vitamin Food



'VIMALTOL' presents special advantages to the physician requiring a product which incorporates important vitamins in a form entirely pleasant and acceptable to every patient.

'Vimaltol' is made from specially prepared malt extract of high protein content; yeast—one of the richest sources of vitamin B<sub>1</sub>—and Halibut Liver Oil, an important source of vitamins A and D. It is also fortified with additional vitamins and mineral salts, and is deliciously flavoured with orange juice.

'Vimaltol' is thus an important aid in the treatment of the many abnormal conditions resulting from the deficiency of one or more of the essential vitamins in the average every day dietary.

The routine use of 'Vimaltol' helps normal development of the growing organism and the maintenance of correct metabolism, while raising the general resistance against infection.

'Vimaltol' has thus a very wide application in general practice for children and adults of all ages. It can be prescribed with advantage of all seasons.

On the **PATA**

*Wholesale Prices:*

1 lb. jars 27/-; 2 lb. jars 49/6.  
(Exempt from Purchase Tax.)

*Retail Prices:* 1 lb. jars 3/-; 2 lb. jars 5/6

A. WANDER LTD.

Manufacturing Chemists

5 and 7, Albert Hall Mansions, S.W.7.



# TIP TOP VACANCIES *for* FIRST-CLASS SALESMEN ONLY

## AREAS :

- (1) Counties of Middlesex, Hertford and Essex, including London inner and suburban areas north of the River Thames.
- (2) Counties of Surrey, Sussex, and Kent, including London inner and outer suburbs south of the River Thames.
- (3) Counties of Lincoln, Nottingham, Derby, Leicester, Northampton, Oxford, Bucks, Beds, Huntingdon, Cambridge, Suffolk and Norfolk.
- (4) Gloucester, Wilts, Berks, Hampshire and West Country.
- (5) Wales and English Border Counties, including Warwickshire, Worcestershire, and Staffs.
- (6) Yorks, Lancs, Cumberland, Westmorland, Northumberland and Durham.

FIRST CLASS representatives required for the above areas. Age 30-45, qualified or unqualified.

Applicants must meet the following requirements :

Actual experience over a number of years representing a chemist supply House of repute on these particular territories.

Must be experienced car drivers.

Must reside permanently in centre of territory.

Must have highest credentials.

Representatives are required as part of a specialist sales force to sell ten Nationally advertised quality lines in a range comprising:—

TOOTHBRUSH, MOTH REPELLENT, MEDICINAL TABLETS, and a CLASS COSMETIC ITEM.

## TERMS :

Excellent salary, good commission, reasonable expenses. Car supplied (subject to delay).

Employment with firm of repute in the chemists' sundries business.

Representatives will call on every qualified chemist and every departmental store on the area in question.

Applications must be made in writing, enclosing photo or snap, with full particulars of experience, which will be treated in strict confidence.

Only first-class men with the required qualifications should apply.

Applications should be addressed to :

**SALES DIRECTOR, BOX NO. 2/363**

The Chemist and Druggist, 28 Essex Street, Strand, London, W.C.2

*Order now  
for Winter*

# K A L S O L A C

*for the prevention of chilblains*

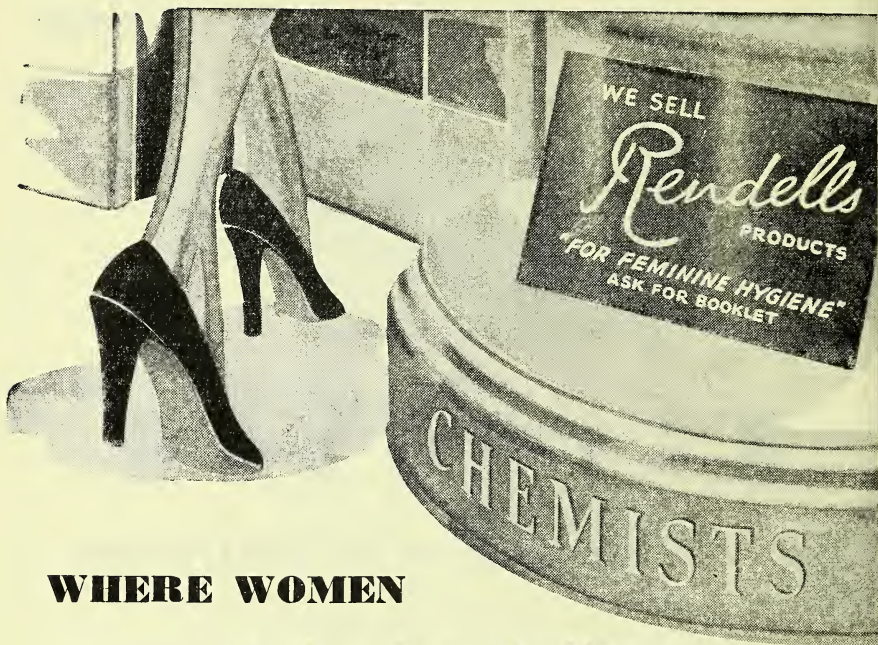
In those susceptible to chilblains, an immunity can be built up by preventive treatment undertaken before winter's cold and frost occur. Evans Kalsolac gives an easily assimilated combination of the extra calcium, iron and magnesium especially required for this purpose. Kalsolac can be safely given to children, and is also extremely beneficial to expectant and nursing mothers and to all whose calcium intake needs increasing. Each capsule contains 500 units Vitamin D.

	Retail (including tax)	Wholesale (excluding tax)
Tins of 30	1/11d. each	1/2d. each
Tins of 68	3/6½d.	2/2d. ..

Kalsolac is also supplied in bottles of 250,  
500 and 1,000 capsules.

**EVANS MEDICAL SUPPLIES LTD**  
**Liverpool and London**

OVERSEAS COMPANIES AND BRANCHES: AUSTRALIA, BRAZIL, CHINA,  
EIRE, INDIA, MALAYA, PALESTINE, SOUTH AFRICA



## WHERE WOMEN

## 'WALK IN' WITH CONFIDENCE

For over half a century, women everywhere have had justifiable confidence in the name Rendells, and in the pharmacist who stocks Rendells products.

The Chemists displaying Rendells frequently find this an excellent means of introducing new customers.

If you need further supplies of window and counter display material, just send us a postcard.



**NOW WRAPPED IN CELLULOSE FILM AGAIN**

W. J. RENDELL LTD., 161 ROSEBERY AVENUE, LONDON, E. C. 4



# INDEX TO ADVERTISERS

Affined Basic Chemicals, Ltd. ....	xxxiv	Christy, Thomas & Co., Ltd. ....	xxiv	Gardner, W., & Sons (Glos.), Ltd. ....	x
Allen, J., & Co. ....	xx	Confederation of Health Service Employees ...	Leader Page	Genoxide, Ltd. ....	vii
Anglo-American Distributing Co., Ltd. ....	28	Continental Laboratories, Ltd. ....	22	Gillette Industries, Ltd. ....	xviii
Armour & Co., Ltd. ....	10	Cox, Arthur H., & Co., Ltd. ....	8	Glass Container Co. ....	x
Asmidar, Ltd. ....	xxviii	Crest Laboratories, Ltd. ....	xxxiv	Gnome Photo. Prods., Ltd. ....	xvi
Aspro Ltd. ....	xxx	Crompton Parkinson, Ltd. ....	xxi	Gould, N. & M., Ltd., Leader Page	
Atkinsons ....	27	Cuticura Preparations ....	21	Graesser, R., Ltd. ....	ii
Bell, John, Hills & Lucas, Ltd. ....	Leader Page	Dale, J. H., & Son, Ltd. ....	xi	Graesser Salicylates, Ltd. ....	vii
British Drug Houses, Ltd. ....		Damancy & Co., Ltd. ....	20	Granto Laboratories, Ltd. ....	xxix
The ....	5	Dangoor, N. S., Ltd. ....	v	Grovewell, Ltd. ....	xxvi
British Dyewood Co., Ltd. ....	vi	Daniel, Richard, & Son, Ltd. ....	13		
British Surgical Houses, Ltd. ....	xxii	Devon, D., Ltd. ....	32	Haetem, Ltd. ....	32
Brook, Parker & Co., Ltd. ....	20	Dobson & Steiner, Ltd. ....	30	Hamburger, M., & Sons ....	viii
Brown & Forth, Ltd. ....	iv	Domestos, Ltd. ....	xiv	Hampshire, F. W. & Co., Ltd. ....	16
Burgoyne Burbidges & Co., Ltd. ....	Front Cover	Dunhill, J., Manfg. Co., Ltd. ....	26	Hannetta, Ltd. ....	17
Burrough, James, Ltd. ....	Leader Page	Edme, Ltd. ....	xxxii	Harker, C. R., Stagg & Morgan, Ltd. ....	19
Burroughs Wellcome & Co. ....	33	Evans Medical Supplies, Ltd. ....	3	Harwoods Laboratories, Ltd. ....	xxxvi
Busby, Winter & Co., Ltd. ....	ix			Helena Products, Ltd. ....	30
		Faylene Manufacturing Co. ....	xxvi	Hewlett, C. J. & Son, Ltd. ....	20
Calfos, Ltd. ....	xxvi	Fecher, M. J., Ltd. ....	6	Hirst, Stuart, Ltd., Leader Page	
Calthorpe, M., & Co., Ltd. ....	xxviii	Fennings, A. ....	19	Howards & Sons, Ltd. ....	i
Carillon Press, Ltd. ....	xvii	Ferber, Robert, Ltd. ....	xxvii		
Carus, A., & Sons, Ltd. ....	xiii	Ferryman, Herbert, Ltd. ....	xxx	Imperial Chemical (Pharmaceuticals), Ltd. ....	xix
Caton & Son ....	Leader Page	Franco-British Electrical Co., Ltd. ....	vi	Indigenous Mnftrs. & Produce (Sales) Co. ....	viii
Chemical & Natural Products, Ltd. ....	xv	Freeman, J., & Co., Ltd. ....	26	International Chemical Co., Ltd. ....	15
Chemi-Synthetics, Ltd. ....	viii	Freeman, William, & Co., Ltd. ....	xii	International Laboratories, Ltd. ....	32
Chesebrough Manfg. Co., Ltd. ....	Col. Supp.	Freudentheil, Smith & Co., Ltd. ....	Leader Page		

(continued overleaf)

# MYCIL

*A new fungicide for athlete's foot*

Mycil is issued as an ointment and as a dusting powder. The active constituent is *p*-chlorophenyl  $\alpha$ -glycerol ether. Both preparations are highly effective for fungal infections of the feet, particularly athlete's foot, and are also indicated for the relief of

soreness and tenderness resulting from excessive perspiration.

Mycil Ointment and Mycil Dusting Powder provide a combined treatment — the ointment for application to the affected surfaces, the dusting powder to be shaken into socks and shoes.

## PRICES

Mycil Ointment .. .. .	2/8
Mycil Dusting Powder (sprinkler drums)	1/9

## TRADE RETAIL (Excl. Tax) (Incl. Tax)

2/8	4/11
1/9	3/4

**THE BRITISH DRUG HOUSES LTD. LONDON N.1**

*Myc/T/1*

**INDEX (cont.)**

Jarvie, Hugh & Co., Ltd. ...	vii	Paragon Razor Co., Ltd. ...	22	Simpkin, A. L., & Co., Ltd. ...	x
Jeffreys, Miller & Co., Ltd. ...	22	Parke, Davis & Co. ....Cover	ii	Stanning Proprietaries, Ltd. ...	x
Jones, W. H. & Co. (London), Ltd. ....	vi	Parkinson, A. R. ....	iv	Stretch, Wilfred, & Co., Ltd. ....	
		Percenta, Ltd. ....	vi	Surgical Equipment Supplies, Ltd. ....	
		Pharmaceutical Laboratories, Geigy, Ltd. ....	iv	Sutton, W., & Co., Ltd. ....	
Kearsley, C. & G., Ltd. ....	xxvi	Pharmax, Ltd. ....	xxiv	Swan Mill Co., Ltd. ....	
Keeling & Walker, Ltd. ....	iv	Pifco, Ltd. ....	xvi		
Kellys, J., (London), Ltd. ....	viii	Potter & Clarke, Ltd. ....	31	Tampax, Ltd. ....	Leader Pa
Kemsales, Ltd. ....	xxviii	Potters (London), Ltd. ....	xvii	Taylor, Edward, Ltd. ....	
Kleenkil Co., Ltd. ....	22	Primosette Co., Ltd. ....	xiii	Tell Products, Ltd. ....	xx
Knox, John (Stoke-on-Trent), Ltd. ....	xxvii	Pugh's Veterinary Medicines, Ltd. ....	xxiii	Thompson & Capper Wholesale, Ltd. ....	
Koray, Ltd. ....	xxxiii			Tintex Dyes ....	
				Townsend, J., & Sons, Ltd. ....	
Lawrence, Geo. H., Ltd. ....	xiv	Radiol Co., The ....	xxiv	Tye, John & Son, Ltd. ....Cover	
Lennon, Ltd. ....	ii	Rand, S. D., Esq. ....	18		
Lofthouse & Saltmer, Ltd. ....	12	Rankin Bros. & Sons Leader Page		Universal Brush Co., Ltd. ....	
Luna Inserts, Ltd. ....	xxxi	Reckitt & Colman, Ltd. ....	xxiii		
		Rendell, W. J., Ltd. ....	4	Veno Drug Co., Ltd. ....	
Madelox, Ltd. ....	28	Rentex, Ltd. ....	xxx	Verva, Ltd. ....	xx
Mather, Wm., Ltd. ....	xiii	Riley, J., & Sons, Ltd. ....	viii	Vines Biocrin, Ltd. ....	
Matthews & Wilson, Ltd. ....	10	Rodent Control, Ltd. ....	xxii		
Matthews, S., & Co., Ltd. ....	14	Rooney, Robert A., & Sons ...	28		
Midgley & Parkinson, Ltd. ....	22			Wafer Razor, The, Co., Ltd. ...	x
Mitchell, L. A., Ltd. ....	ix	St. Andrew Mills ....	xxv	Waide, Thos., & Sons, Ltd. ...	
Mysore Trade Commissioner for, in London ....	vi	Samuelson, P., & Co. ....	ii	Walden & Co. (Nufix), Ltd. ....	
National Savings ....	xxiii	San-Mex, Ltd. ....	xi	Wander, A., Ltd. ....	
Neill, James, & Co. (Sheffield), Ltd. ....	xvi	Scholl Manufacturing Co., Ltd. ....	25	Warrick Bros., Ltd. ....	
		Scott, A. & R., Ltd. ....	xxv	Watford Chemical Co., Ltd. ....	
Olley, C., & Sons, Ltd. ....	x	Scott & Turner, Ltd. ....	14	Webster, Isaac, & Sons, Ltd. ....	
		Septisol, Ltd. ....	26	Westminster Laboratories, Ltd. ....	
		Seven O'clock Razor Blades ...	xi	Whiffen & Sons, Ltd. ....Cover	
		Shadeine Co. ....	10	Wilkinson, S. W., & Co. ....	
		Sharp & Dohme, Ltd. ....	9		
		Siemens Electric Lamps, Ltd. ...	x	Zimmermann, C., & Co., Ltd. ....	



Fig. 726A

**NAIL VARNISH**  
or  
**CORN SOLVENT BOTTLES**

2 dram SIZE  
Round White Flint with  
Screw Plastic Cap  
With Caps only 2/9 doz.  
Fitted dip rods 3/6 "  
" brushes 5/- "

**FROM STOCK****"ONE DROP" VIALS**

*Ideal for Perfume,  
OIL SAMPLES, etc.*

Complete with compo. top  
and dip rod.

$\frac{1}{2}$  1 2 4 dram  
25/6 26/- 27/- 34/- gross

Minimum quantity  
supplied One gross

**SPECIAL TERMS FOR EXPORT**

FIG. 716

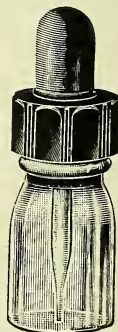


Fig. 800/A

**"OILTITE" DROP BOTTLE**

2 dram Size  
WHITE FLINT BOTTLE  
5/6 Dozen

**M. J. FECHER LTD., 121 HIGH STREET, SLOUGH, BUCK**  
Phone SLOUGH 21864

# Established Household Remedies!

These Veno products by their unvarying quality, reliability and effectiveness have withstood the searching test of many years' home use. Convincing voluminous nationwide press, poster and other forms of advertising brings and keeps the Veno products before the eyes of the public. Frequent stock-turn is assured. Attractive showcards for all lines now available.

**TERMS:** Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2½% discount for monthly account.



*Phensic*

*Cassell's*

*Veno's*

*Germolene*

*Germoloids*

**VENO DRUG CO. LTD.**  
**CHESTER RD., MANCHESTER 16**



PILLS

TABLETS

CAPSULES

SOLVELLÆ



MANUFACTURING CHEMISTS  
WHO HAVE SERVED THE PHARMACEUTICAL  
PROFESSION FOR OVER 100 YEARS

SEND

*To All Friends, Old and  
New, The Season's Greetings  
and Best Wishes for a  
Bright and Prosperous  
New Year*



BRIGHTON

PHARMACEUTICALS

PACKED SPECIALITIES

'OWN NAME' FORMULÆ

*Season's greetings from*



*'for the  
conservation of life'*

SHARP & DOHME LTD., HODDESDON, HERTS.

**GLANOID**

# EXTRACT HEPATIS LIQ. B.P.

PACKED IN  
1 lb. bottles  
Imperial Quarts  
Winchester Quarts  
Gallons

AMPLE SUPPLIES AVAILABLE

PRICES ON APPLICATION

THE  
**Armour Laboratories**  
ARMOUR AND COMPANY LTD.

27-28 FINSBURY SQUARE, LONDON, E.C.1

'Phone:  
Monarch 8044

'Grams:  
"Armosata-Phone," London

*for*

**TABLETS & PILLS**  
CAPSULES, LOZENGES  
& SUPPOSITORIES

*consult*

EXPORT  
ENQUIRIES  
INVITED

**MATTHEWS  
&  
WILSON**

EST. 1894

6-8 COLE STREET  
LONDON, S.E.1

## SHADEINE FOR GREY HAIR

FIFTY YEARS'  
REPUTATION

All shades. Two sizes  
only at present. Re-  
tail prices 2/11 and  
5/5 (Including Pur-  
chase tax).



**STOCKED BY ALL LEADING  
WHOLESALEERS**

*Offers for Export . . .*

PAPAVERINE HYDROCHLORIDE,  
HISTIDINE MONOCHLORHYDRATE,  
HOMATROPINE MONOCHLORIDE,  
HOMATROPINE METHYLBROMIDE.

Box No. 2/230





Taylor's

EDWARD  
TAYLOR  
LTD.

Manufacturers  
of  
Medical and  
Surgical Plasters

*Established  
100 Years*

EDWARD TAYLOR LTD  
MONTON  
LANCASHIRE

TF93





# Christmas Greetings to the Trade

We wish to extend our  
very best wishes for  
Christmas and a brighter  
New Year to all our friends.

- We wish also to advise the Trade that we shall be closing during the Festive Season, December 25th, 26th and 27th.

W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LIMITED

Established 1660

Horseshoe Lane, Chaseside, Enfield, Middlesex

Telephone: Enfield 4747 (10 lines)

Telegrams: Vinaigrette, Enfield

For the purposes of  
stocktaking our ware-  
house is closing on  
December 31st.

For packed  
Tablets

**Lothhouse &  
Saltner** LTD  
HULL

For bulk  
Tablets

It feeds  
as it cleanses.

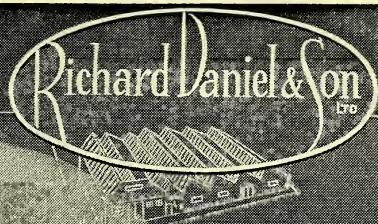
Biocrin is a health-and-beauty treatment in one, and medically recommended for hair impoverished by bleaching, dyeing, perming or sub-normal health. Increased National Advertising is now multiplying the demand.

Retail sizes 18/6 and 30/-  
per dozen (plus 50% tax)  
retailing at 3/3 and 5/5 each.

**Biocrin**  
pomade shampoo

VINE'S BIOCRIN LIMITED, LONDON, W.2





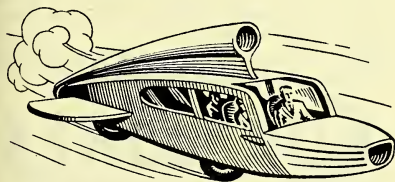
PROPRIETARIES  
SUNDRIES DRUGS  
TABLETS & PILLS

FOR  
CHEMISTS

*Manufacturing  
Chemists*

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

# Are you a Realist?



**THOMAS WAIDE & SONS LTD  
KIRKSTALL HILL, LEEDS 5**

*Print Specialists  
for over 70 years*

The flying jet-propelled car has still to come, but our approach to present day printing is essentially realistic. And we've learnt a lot about it in our 70 years of printing service to all branches of industry. Why not benefit by our wide knowledge of your needs. When you plan your next brochures, showcards, cartons, labels, etc., let us advise you. We'll be happy to assist you in every way.



# URGENT

## Empty ANDREWS cases *please*

For some time past we have experienced considerable difficulty in despatching supplies of Andrews because of the acute shortage of cases.

### The position is NOW SERIOUS

and unless customers holding Andrews empty cases return them immediately a hold-up in deliveries will result. Your co-operation is requested. Postage or carriage will be credited.

#### HOW TO SEND

Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, c/fwd (*or state cost on label*).

# ANDREWS

SCOTT & TURNER, LTD.

Andrews House, Newcastle-on-Tyne, 2  
T.11.

Nearly  
Five times the  
Profit  
FOR  
ONE-SIXTH OF  
THE TROUBLE

The 24/- size 'Curicones'—the FULL treatment—is the size your customers ask for. This choice is wise both from their point of view and your own.

**YOU ENJOY THESE ADVANTAGES BY STOCKING THE CURICONES 24/- SIZE**

1. You make nearly five times the profit for one sixth of the trouble. (The 24/- size contains six times the quantity of the 5/- size).

2. You sell the equivalent of six bottles of 'Curicones' at one sale—and thus avoid the customer buying only one bottle from you, and the other five bottles elsewhere.

3. Your turnover is quicker. Time is saved.

4. You are cementing goodwill. Obstinate cases of Rheumatic affliction yield to the full course of 'Curicones.'

ORDER A  $\frac{1}{2}$  DOZ. FROM YOUR WHOLESALE TO-DAY—and satisfy your customers.

# CURICONES



for the relief of **PATA**  
**RHEUMATISM and KINDRED ILLS**

Remember 'Curicones' is a P.A.T.A. Line showing 33 $\frac{1}{3}$ % profit, nationally advertised and recommended by the medical profession. Showcard sent on request.

Large Size  
**24/-**

**STEPHEN MATTHEWS & COMPANY LIMITED**  
19/21 FARRINGDON STREET, LONDON, E.C.4.

Thank you

*This is the season when all the  
world lets friends and associates know how much  
their regard is appreciated!*



*So we take this occasion to  
thank you for stocking our lines so completely  
... for displaying them to such advantage ... for  
recommending their special virtues  
to your public.*



*Be assured  
we shall do all in our power  
throughout the coming year to make  
your sales of these products a constantly  
greater satisfaction.*



**INTERNATIONAL CHEMICAL  
COMPANY LIMITED**

Chenies Street, W.C.1

*Makers of 'Anadin' tablets   ★   'Bisurated' Magnesia   ★   'BiSoDol'*  
*'Freezone' preparations   ★   'Kolynos' preparations   ★   'Limestone' Phosphate*  
*'Pineate' Honey Cough Syrup*

# ZUBES COUGH MIXTURE

*Follow this tried  
and tested 'formula'  
for quick profits*



A Household Name—a quick, pleasant, effective throat and chest easier—at a price within everybody's reach—sales supported by powerful advertising throughout the autumn and winter—that's the "formula" that makes Zubes Cough Mixture such a big profit-winner for the chemist, especially in the winter months. Why not make sure that your stocks of Zubes Cough Mixture will meet the increased winter demand?

# ZUBES

## COUGH MIXTURE

Retailing at 1/6 and 2/9½

MADE BY F. W. HAMPSHIRE & CO. LTD.,  
MANUFACTURING CHEMISTS, SUNNYDALE, DERBY.



Marion Moore's

*Shampoo*

CONTAINS NO SOAP

at

**Pre-  
Budget  
Prices**

to the Public

Selling price to Public	Cost to Retailer
----------------------------	---------------------

1/3 size	7/8
----------	-----

2/3 size	13/6
----------	------

4/- size	24/-
----------	------

Purchase Tax	Packing
-----------------	---------

3/10	2 doz.
------	--------

6/9	1 doz.
-----	--------

12/-	1/2 doz.
------	----------

Manufactured by :

HANNETTA LTD.

HUMBER ROAD,

LONDON, N.W.2

A quality Product

**NOW AVAILABLE**

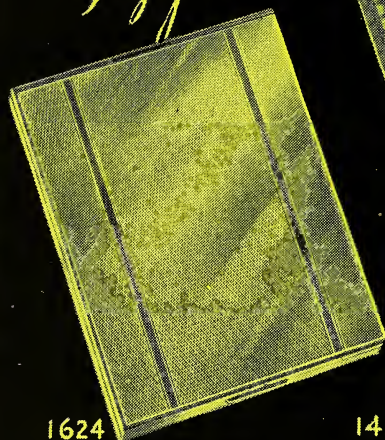
from

**MAY, ROBERTS & CO. LTD.,** 47 Stamford Hill, London, N.16

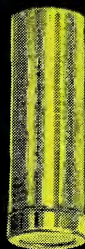
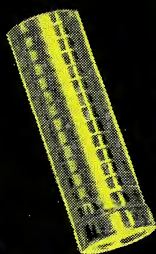
and your usual wholesale suppliers



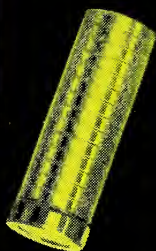
*Pygmalion*



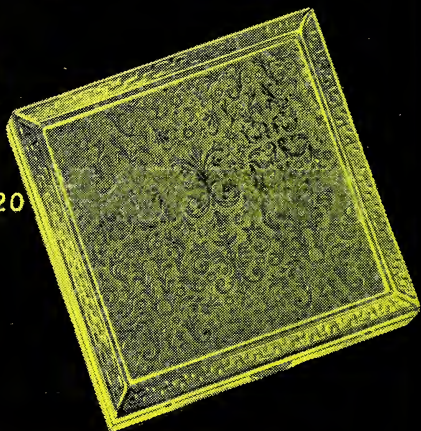
1624



1441



1420

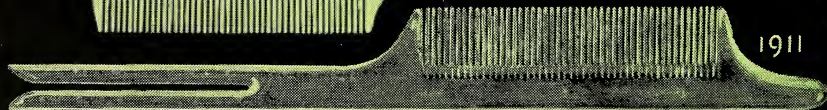


*Compacts,  
Lipstick cases,  
Cigarette cases.*

Combs of every description . . .



1910



1911

**S · D · RAND**

5-6 Argyll Street, Oxford Circus, London. W. 1.

Telephone. GERRARD 3746

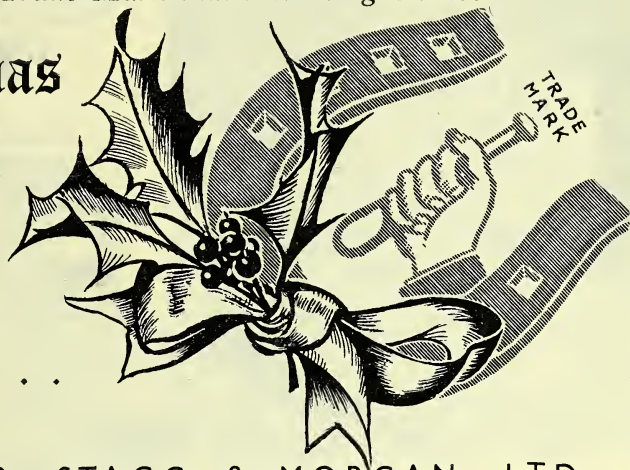
*Order from your usual Wholesaler*



*The Trade Mark that retains 'good ties'*

# Christmas

Greetings  
and Good  
Wishes  
for 1948  
to all our  
Friends . . .



HARKER, STAGG & MORGAN, LTD.  
EMMOTT STREET, LONDON, E.1

# FENNINGS

FAMOUS FOR OVER 80 YEARS

## PATA

FENNINGS' CHILDREN'S POWDERS	...	...	1/3, 3/-, 5/-, 12/-
FENNINGS' LITTLE HEALERS	...	...	1/3 and 3/- Also
6/- Carton of 12 Packets, retailing at 6d. each.			
FENNINGS' FEVER MIXTURE	...	...	1/3 a bottle
(If difficult to obtain write direct to Messrs. SUTTON & SONS, 12 Brandon Rd., London, N.7.)			
FENNINGS' ADULT POWDERS	...	...	1/3, and 3/-
FENNINGS' OINTMENT.	...	...	1/3 a tin
FENNINGS' STOMACH STRENGTHENERS	...	...	1/3 and 3/- boxes
FENNINGS' RHEUMATIC DROPS	...	...	1/3 a bottle
FENNINGS' WHOOPING-COUGH MIXTURE	...	...	1/3 a bottle
FENNINGS' SULPHUR POWDERS	...	...	1/3 and 3/- boxes

Please address orders and inquiries to your Wholesaler

PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)  
COWES, Isle of Wight





**C. J. HEWLETT & SON, LTD.,**  
also at 48, CARSTAIRS STREET, GLASGOW, S.E.

## FOR ARTHRITIS

Particularly the infective types

### "S.B.T."

BRAND

Sterilised Solution  
of Sodium  
Bismuthyltartrate

**PATA**



#### NEW PACKING

	Profession	Retail	Trade
	Price	Price	Price
3 x 1 cc. "Ampuliques"	6/-	6/9	4/6

Also available in rubber capped bottles

10 c.c. ...	...	10/-	11/2	7/6
60 c.c. ...	...	50/-	55/6	37/-

Not subject to Purchase Tax.

35-43 Charlotte Road,  
LONDON, E.C.2.



A MOST VALUABLE FOOD  
FOR INFANTS & INVALIDS

1lb. size 2/3	doz. 20/-
2lb. size 4/-	doz. 36/-

Prepared by: BROOK, PARKER & CO. LTD., BRADFORD, ENG.

## BONUS TERMS

FOR

**W**INTERGREEN  
**-A**NALGESIC  
**-C**REAM

ARE AVAILABLE UNTIL  
THE END OF DECEMBER



**STANDARDS  
SERVICE  
PROFITS**



Telephone BYRON 1440/1800  
Telegrams: Damancy Harrow

**DAMANCY & CO. LTD.** HARROW MIDD.  
ESTABLISHED 1890

**SOAP  
SHAVING STICK  
OINTMENT  
TALCUM**



*- for Sensitive  
Skins!*



# ENTROSALYL

## Capsules

A new presentation of sodium salicylate in capsule form which obviates all the disadvantages associated with the administration of sodium salicylate in its usual form.

Each capsule contains 0.50 gm. sodium salicylate and may be taken with complete freedom from nausea or gastric irritation.

P.A.T.A. retail prices

50's	-	-	-	4/10½
200's	-	-	-	17/7½
1,000's	-	-	-	68/2½

**CONTINENTAL LABORATORIES LTD.**  
101 Great Russell Street, London, W.C.1.

**KLEENKIL**  
DDT FLY & MOTH PAPERS 2½

Samples and Prices from  
THE KLEENKIL COMPANY  
23 Manor Avenue, Northolt, Middx. BYRn 2918

GROUND  
**DRIED YEAST**

MIDGLEY & PARKINSON, LTD.  
WARREN WORKS, PUDSEY, LEEDS

**MILLAMALT**

*The* **VITAMIN  
MALT FOOD**

Sole Manufacturers With Vitamins (A. 6,500 I.U., D. 400 I.U. per fl. oz.)  
JEFFREYS, MILLER & CO. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N

## PARAGON RAZOR BLADES



No. 4. ACORN



No. 2. SINGLE EDGE



No. 3. STROPPING

SOLE MANUFACTURERS—

**THE PARAGON RAZOR CO.**  
NURSERY WORKS, ELDON STREET, SHEFFIELD, 1

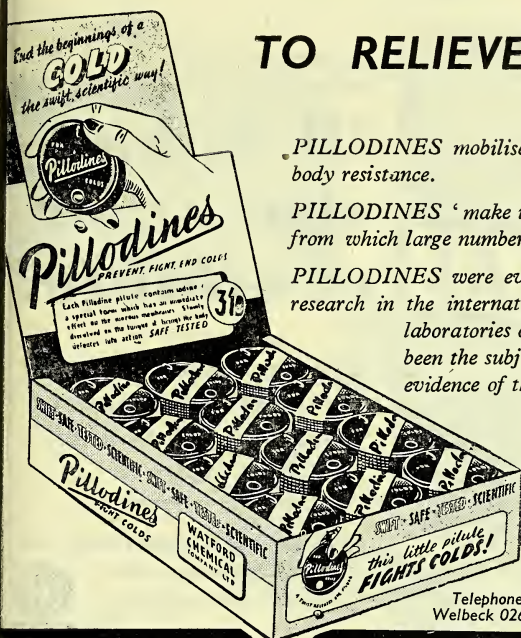


# TO RELIEVE COLDS

*PILLODINES mobilise and set in motion the natural body resistance.*

*PILLODINES 'make up' the serious Iodine deficiency from which large numbers of people are suffering to-day.*

*PILLODINES were evolved after years of scientific research in the internationally famous pharmaceutical laboratories of R. Shering. Pilloidines have been the subject of organised tests providing evidence of their efficiency.*



**PROFIT  
OVER 55%**

Write for full trade terms

**WATFORD CHEMICAL CO LTD**  
30 BAKER STREET · LONDON · W.1

Telephone:  
Welbeck 0264/8

Telegrams:  
Watchempro, Wesdo, London

## Christmas Greetings

WE extend to our friends in the Trade Seasonable Greetings, hoping for a brighter New Year and an early return to normal trading.



*H. Wal due.*

MANAGING DIRECTOR.

WALDEN & CO. (NUFIX) LTD., NUFIX WORKS, LONDON, N.W.9

**IMPORTANT!**

# 18 Tablet size...now available!

In packs of 6 and 18 tablets

New Retail Prices 7½d. &amp; 1/6

Trade per doz. 4/- &amp; 10/-

Plus Purchase Tax

**WESTMINSTER LABORATORIES LTD.**

Chalcot Road, London, N.W.1

Telephone : PRImrose 3395/6/7.



THE last word  
modern brushware.  
NEOLITE products  
combine luxury  
finish with elegance  
style. Hand cut and  
sparkling like a rare  
gem, they are fashioned  
in a rhapsody of crystal  
and pastel colouring.

Colour Range : Crystal white,  
opal, pink, cream, yellow,  
green, blue, peach, ivory,  
turquoise, amber, ruby red,  
black, also clear designs.

\*Ladies', Postiche Men's  
Children's, Babies', Cloth  
Complexion and Bath  
Brushes, Hand Mirrors, etc.

**UNIVERSAL BRUSH COMPANY LTD., LUTON, BEDFORDSHIRE**



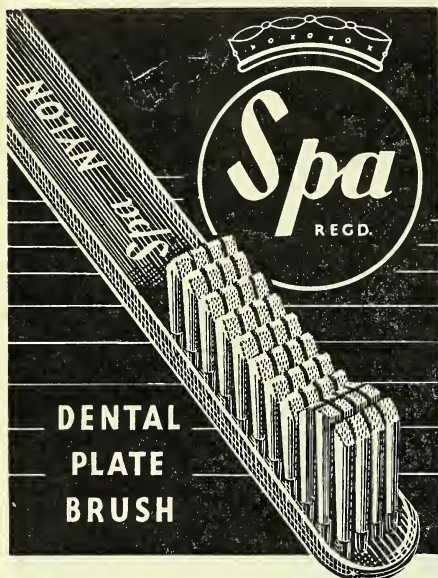
*The MODERN  
CHIROPODY SURGERY*  
*Furnished by*  
**SCHOLL**



**Scholl** have initiated new standards in the making of modern chiropody equipment. In design, materials, workmanship and price their production is first-rate. If you need only a single chiropody instrument or but one item of chiropody equipment, the same helpful Scholl Service awaits you. Please send for catalogue stating your requirements. The Scholl Mfg. Co. Ltd., 182-204 St. John Street, London, E.C.1.

**CHIROPODY FURNITURE • INSTRUMENTS • APPARATUS • DRESSINGS**





*designed specially  
for the job*

A Dental Plate Brush has a double job to do — it must clean every part of the plate as well as the dentures. No ordinary brush — and no adapted tooth-brush — can do this.

The SPA Dental Plate Brush has been specially designed for its particular job. The handle is correctly shaped. The bristles are of the right hardness, length and spacing.

The price is right. The PROFIT is right. It's a P.A.T.A. line. And it's a quick seller.



**John Freeman & Co. Ltd.,**  
Spa Brush Works, Chesham, Bucks.

Supplies  
now  
available

## 'SEPTISOL'

*for Diaper Rash*

**NURSER  
OINTMENT**



## 'SEPTISOL'

*for Better Baby Bathing*

**BABY  
SOAP**



Give Profit and Prestige, and ensure Repeat Demand.  
Constant Advertising makes every Mother Familiar  
with these Products

**'SEPTISOL' LIMITED**  
28 KENNEDY STREET  
MANCHESTER

*Tessa*

**LIPSTICKS  
and REFILLS**



*Cosmetized from our  
exclusive American  
Formula into the  
Season's latest  
shades*

★ YOU ARE SUPPORTED BY EXTENSIVE ADVERTISING ★

Send for Shade Card and  
details of Trade terms.

**J. DUNHILL MANUFACTURING CO.**  
17 WOODSTOCK STREET, LONDON, W.1  
TELEPHONE : MAYFAIR 1603



Here is one of the charming illustrations specially drawn by Pierre Pagès, and featured in the National Press Advertising under the heading "Today in Bond Street."



BY APPOINTMENT  
PERFUMERS TO H.M. THE KING  
J. & E. ATKINSON LTD.

Advertising put out by the House of Atkinsons has always been noted for its distinctiveness. But reports received, from both Trade and public alike, suggest that the latest campaign for Gold Medal Eau de Cologne is getting more attention than any so far. This attractive series, under the title "Today in Bond Street," is appealing frequently to millions of women via the National and Periodical Press. The arresting Fashion drawings by the eminent French artist Pierre Pagès are featured in order to remind every woman that Atkinsons Eau de Cologne has its own assured place in the world of fashion.

# ATKINSONS

GOLD MEDAL

## *Eau de Cologne*

J. & E. ATKINSON LIMITED, 24 OLD BOND STREET, LONDON W.1





# *Michel* COMPACT

*Exquisite  
craftsmanship*

SOLE DISTRIBUTORS  
**ANGLO-AMERICAN DISTRIBUTING CO., LTD.**  
DANES INN HOUSE, 245, STRAND, LONDON, W.C.2.

Re-introducing  
PERFUMES BY  
THE HOUSE OF  
*Mury*  
PARIS



For the present—only a very small allocation  
—we'll share this fairly amongst our customers  
but we hope larger supplies will soon be  
available.

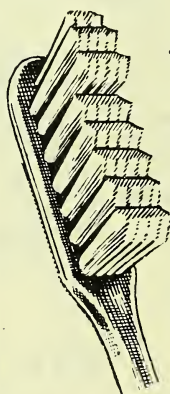
(DEPT. A)

*Madelox Limited*

*Sole Distributors for the British Isles*

TELEPHONE  
BLACKFRIARS  
0177/8

168 · CORPORATION STREET  
MANCHESTER · 4



**You're  
the one!**  
who decides  
what goods you  
will sell. See  
that those  
goods bring you  
prestige as well  
as profit. That  
means

**QUIZ**  
teethbrush  
R.A. Rooney  
& Sons, Ltd.  
London,  
E.17



A line with a distinctive appeal  
and a constantly growing reputation

“Q.A.” BRAND

## QUICK-ACTING ASPIRIN TABLETS

Very good 5-grain Aspirin Tablets, made so that they disintegrate immediately they are swallowed and consequently begin to take effect at once. In a great many chemists' shops “Q.A.” Brand Tablets have proved to be a line well worth specialising upon. Where once offered, repeat business is the rule, and an increasing demand through the recommendation of those who have tried them. Retail prices, including purchase tax at the new rates, 25 tablets, 10d., 100 tablets, 1s. 11d.



C.F. AND P.A.T.A.

Trade prices, and samples, will be sent gladly to chemists in retail business upon request.

SOLE MAKERS:

**THOMPSON & CAPPER WHOLESALE LTD.**

**Speke Hall Road, Liverpool, 19**

Telephone: Hunt's Cross 1321

Telegrams: Sanitas, Liverpool



TWO

## charming relations

In the Steiner range of beauty products, two only are not hair specifics. But the name and glamorous reputation of the Steiner Salons are behind them, ensuring immediate attraction and sales. Indeed, Eau Dentifrice has, for some years, had a prominent place in its own right on the bathroom shelves in good class homes! Both preparations offer good profit margins. Ask for special display terms.



Retail prices including purchase tax:

Eau Dentifrice 1/9, 3/0, 5/6, 10/6.  
Handmilk 7/6

Write for trade terms to:

DOBSON & STEINER LIMITED,  
66 GROSVENOR STREET W1 MAYFAIR 8740

# Helena puffs



The world's finest Puffs, made by the world's leading Puff manufacturers. All sizes—60 designs—in Swansdown, Lambskin Lamb's-wool, Beaver, and Velour. Hygienically made, most attractively packed and nationally advertised.

Write for Price List.

HELENA PRODUCTS  
NEW SOUTHGATE, N.11



*May you be 'snowed-under' with  
Business in 1948*



**Greetings**

and good wishes from

**POTTER & CLARKE LIMITED**

60-64 ARTILLERY LANE, LONDON, E.1  
77 DANTZIC STREET, MANCHESTER, 4



# IF YOU'RE OUT OF ONE RECOMMEND THE OTHER



In these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two kinds of Parmint and their three sizes.

All our Press advertising features both Parmints and mentions all their prices. At the moment the 1/7 ready for use Parmint Syrup is in short supply. If you are temporarily out of stock, recommend your customers to take a 3/1½ bottle or a 3/5½ bottle of the Parmint Concentrated Essences.



and

**P.A.T.A.**

**INTERNATIONAL LABORATORIES LTD.**  
1-3, SMEDLEY STREET, LONDON, S.W.8

## D. DEVON LTD

*manufacturers of*

### **Devon Lilac Talcum Powder**

*wish their many Trade Friends*

**A HAPPY CHRISTMAS**

*and a*

**PROSPEROUS NEW YEAR**

## POWDER PUFFS

**Finest-Quality**

the sign for  
quality products  
**MADE IN  
ENGLAND**

## 'FABULO'

**The well known Metal Curlers**

*Both lines our own manufacture*

TWEEZERS, NAIL FILES, SCISSORS  
(All kinds), TOOTH BRUSHES, NAIL  
BRUSHES, ALL KINDS OF COMBS,  
HAIR GRIPS and HAIR NETS, BEST  
QUAL. LACQUER, REMOVER,  
RUBBER GLOVES, etc., etc.

*Ask for Price List*

**HAETAM LTD**

63 CORPORATION STREET, MANCHESTER, 4

FOR YOUR DIABETIC CUSTOMERS

*Three*  
**'WELLCOME' BRAND**  
**INSULINS**

**'WELLCOME' BRAND INSULIN** (unmodified or 'soluble' insulin)

**'WELLCOME' BRAND PROTAMINE ZINC INSULIN**

**'WELLCOME' BRAND GLOBIN INSULIN** (with Zinc)

Each type of insulin possesses special characteristics which decide its role in the management of diabetes. Whichever preparation you are asked to supply, the brand name 'Wellcome' is a guarantee of quality.

*Stocks of all Insulin preparations and packings  
 are available for immediate dispatch.*



**BURROUGHS WELLCOME & CO.**

(The Wellcome Foundation Ltd.)

**LONDON**

# WARRICK BROS., LTD.,

INCORPORATING—MADDOCKS & CO.—R. HENDRIE & CO.

ESTABLISHED IN 1766

**MAKERS OF FINE PRODUCTS**

**CAPSULES**

**LOZENGES**

**PASTILLES**

**OINTMENTS**

**PILE PREPARATIONS**

**PACKED IN A MANNER WORTHY  
OF YOUR PHARMACY.**

**MANY PRODUCTS CAN BE SUPPLIED WITH  
CUSTOMER'S OWN NAME AND ADDRESS.**

**SPECIAL FORMULAE, PACKINGS & LABELS.  
OUR UNIQUE EXPERIENCE IS AT YOUR DISPOSAL.**

**4, 6, 8 & 10, NILE STREET,**

**LONDON. N.1.**



The



# CHEMIST AND DRUGGIST

For RETAILER—WHOLESALE—MANUFACTURER

Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "CHEMICUS, ESTRAND LONDON."

Telephone: CENTRAL 6565 (10 lines)

## CONTENTS

Amendments to Poisons Rules ...	749	Local News ...	740
Benevolent Fund Dance in Dublin ...	758	Miscellaneous Inquiries ...	763
Births ...	744	News of the Week ...	739
Boerhaave's Prescriptions ...	762	Ngezi Berries: A "Cure" for	
Business Changes ...	742	Cestoda ...	752
Chemists Federation ...	749	P.A.T.A. ...	747
Coming Events... ..	768	Personalities ...	745
Company News ...	742	Pharmaceutical Society of Great	
Correspondence ...	764	Britain: Council Meeting ...	757
Deaths ...	744	Pharmaceutical Society of Ireland:	
Dundee Brains Trust ...	750	Council Meeting ...	760
Editorial Articles:—		The Week in Parliament ...	748
A Revised System of Workmen's		Topical Reflections ...	743
Compensation ...	755	Trade Marks ...	768
Mineral Oil Taken Internally ...	756	Trade Notes ...	746
Fifty Years Ago ...	756	Trade Report ...	765
"Groves of Ireland" ...	753	Trade with the Dominions ...	751
Irish News ...	741	Ulster Chemists' Association ...	750

## NEWS OF THE WEEK

**Holiday Trunk Calls.**—The cheap even-  
ing rates for trunk calls are to be suspended  
December 24-26 inclusive and on New  
Year's Day.

**Sales of Chemists' Wares.**—Board of  
Trade returns for the sales per week of  
chemists' wares by large retailers during  
October show an increase of 14.5 per cent.  
compared with the corresponding period of 1946.  
Stocks at cost held by retailers at the end  
of October were 28.4 per cent. higher than  
year ago.

**D.D. Authorities.**—The Home Secretary  
has withdrawn from Brendan O'Carroll,  
A.H. (Dublin), 50 Onslow Square, South  
Kensington, London, S.W.7, the authorities  
granted him by regulations made under  
the Dangerous Drugs Act, 1920. The  
authorities withdrawn from Alex Forbath,  
D.D. (Budapest), on February 12, 1946,  
have been restored.

**Sales by Auction and Tender.**—The  
Board of Trade has issued a General  
Licence (S.R. & O., 1947, No. 2607) per-  
mitting retailers to sell by auction or tender

price-controlled goods which have been  
bought otherwise than from the importer or  
manufacturer. The Licence also permits a  
trader who sells price-controlled goods by  
retail to re-sell such goods which have been  
purchased by retail at a sale by auction.

**Decontrol of Property in Germany.**—  
The Board of Trade has announced that,  
under arrangements of the Control Com-  
mission for Germany (British Element), the  
date on which responsibility for conservancy  
of controlled property within the British  
Zone or British Sector of Berlin is to be  
transferred from the Control Commission  
to the German judicial authorities, has been  
changed from December 31, 1947, to  
March 31, 1948.

**Regional Hospital Boards.**—The Minis-  
ter of Health has made the following  
appointments to fill vacancies on Regional  
Hospital Boards:—Oxford, Mr. H. A.  
Goddard (a member of the committee of the  
Radcliffe Infirmary); South-western, Mr.  
W. J. Carter (chemist at the Imperial  
Smelting Corporation and one of the wor-  
kers' representatives on the board of the

Bristol Royal Infirmary); Sheffield, Dr. J. G. McCrie (dean of the faculty of medicine, Sheffield University).

**Verticillium Wilt of Hops.**—The Minister of Agriculture and Fisheries has made an Order (S.R. & O., 1947, No. 2479) requiring any outbreak or suspected outbreak of verticillium wilt of hops, progressive type, to be reported to the Ministry of Agriculture, and requiring the destruction by fire of all diseased plants, and of any vines and leaves which may be a source of infection. The Order also prohibits the sale of hop plants from any hop garden on which the disease has at any time existed.

**Export Licences for Vitamins.**—The Export Licensing Branch of the Board of Trade has announced that, to save exporters from making numerous applications for licences to export vitamins A and preparations containing vitamins A and D, it is prepared to consider applications for bulk licences for such commodities except when they also contain another export-controlled material. Applications should cover estimated exports to all destinations for periods from three to six months. Separate applications should be made to cover all exports by freight and by parcel post.

## LOCAL NEWS

**Dundee Pharmacists' Association.**—The following officers of the Dundee Pharmacists' Association have recently been appointed:—*President*, Mr. R. G. McKenzie; *Vice-president*, Mr. J. Milne; *Joint Secretaries*, Messrs. J. S. Reoch, 203 Blackness Road, and A. Bruce, 181 Blackness Road, Dundee.

**East London Lantern Lecture.**—At a well attended meeting of the East Metropolitan Branch of the Pharmaceutical Society, held at Walthamstow on December 2, Mr. A. L. Bacharach, M.A. (Glaxo Laboratories, Ltd.), gave a lantern lecture on "Laboratory Animals and Their Uses." A vote of thanks to the speaker was proposed by Mr. P. S. Wilcox and seconded by Mr. W. E. Gaze.

**Durham Reunion.**—When Mr. W. Nixon, Ph.C. (Sunderland Technical College) addressed the Durham County Branch of the Pharmaceutical Society on December 4 many of his former students were present to hear him describe the preparation of ointment bases and emulsions. Mr. Nixon dealt particularly with the use of the newer emulsifying agents, and brought with him many samples of emulsions for inspection by members of the Branch.

**Sheffield Atomic Energy Lecture.**—At a recent meeting of the Sheffield Branch of the Pharmaceutical Society, Dr. E. Leighton Yates (physics department, Sheffield University) spoke on "Atomic Fission as the Universal Source of Power." After defining such terms as proton, neutron, alpha electron, and describing the experiments of Rutherford and others, Dr. Yates went on to describe the progress of atomic fission which was responsible for the production of the sun's light and heat. Afterwards the speaker answered questions on the cyclotron, heavy water, the uses of the atom pile, and the production of uranium 235, and ended with a description of thorium, neptunium and plutonium.

**Law Discussion at Eastbourne.**—In an address entitled "This is the Law," Mr. Noble (deputy secretary, National Pharmaceutical Union) explained to members of the Eastbourne Pharmacists' Association on December 9 the principal legislation affecting retail pharmacists. He pointed out anomalies in existing poisons law, and said amending rules were to be introduced on January 1, 1948 (see p. 749). Afterwards he answered numerous questions. Preparations containing Dangerous Drugs could not be sent abroad, he said, even if a prescription were supplied. Before selling sulphur amides to stock- or poultry-keepers, a chemist must obtain a signature in the poison register and satisfy himself that the purchaser was keeping poultry or stock for profit.

**Mr. Steinman at Blackpool.**—Speaking at a meeting of the Blackpool Branch of the Pharmaceutical Society recently, Mr. Steinman (a member of the Society's Council and of the Executive of the National Pharmaceutical Union) explained the purpose of such N.P.U. organisations, the Chemists' Defence Association, the Chemists' Sickness and Provident Society and the Business Purchase and Guarantee Fund. He then gave an account of negotiations which had taken place in connection with the National Health Service. The development of health centres, said Mr. Steinman, would be difficult for a number of years. Meanwhile, retail pharmacists had an opportunity to prove they could provide a complete service. Mr. P. Varley was in the chair and a vote of thanks to the speaker was passed on the motion of Mr. F. J. Carter.

**Education Discussion at Bristol.**—On the need for vacating the room by the contracted time brought discussion to an end.



a meeting of the Bristol Branch of the Pharmaceutical Society held recently under Mr. W. S. Howells (the Society's treasurer) had outlined the Council's education policy as put forward at the Branch representatives' meeting at Torquay. Members generally expressed agreement that the level of pharmaceutical education could be raised, if need be, to degree standard. Discussion centred around the problem whether an employer pharmacist could be able to pay an employed pharmacist a salary related to the increased cost of pharmaceutical education. Some members thought that "dilutees," if their employment was necessary, should be suitably selected and trained. A vote of thanks to Mr. Howells was proposed by Mr. A. L. Taylor.

**Wembley "Members' Night."**—At a members' night held by Wembley Chemists' Association on December 1, two papers were read by members. Mr. J. T. Rogers (Glaxo Laboratories, Ltd.), spoke "The Toxicity of Iron Compounds," pointing out that children, weight for weight, were less tolerant than adults to iron therapy. Purchasers of sugar-coated tablets, he suggested, should be warned to keep them out of the reach of children. The toxicity of iron preparations was not increased by the presence of "trace" impurities. Mr. F. W. Sellwood then discussed the National Health Service from the point of view of a chemist-optician who had served in the Royal Army Medical Corps. He thought that it would be a long time before health centres were established.

**Newport Jubilee Dinner.**—The golden jubilee of the Newport and Monmouthshire Chemists' Association was celebrated at a dinner held in Newport on December 11. Mrs. C. A. Nyblad (first woman president of the Association) was in the chair and the guests included Mrs. J. K. Irvine, M.B.E. (first woman president of the Pharmaceutical Society). Mrs. Nyblad, proposing "The Society," said that thirty years ago less than 1 per cent. of pharmacists had been women; today the figure was 10 per cent. She also paid tribute to the help she had received from Messrs. W. J. Ewins (secretary) and George Clarke (assistant secretary). Mr. E. Rees (vice-president) proposed "The Visitors," and Mr. Wyndham Evans (president, Cardiff Pharmacists' Association) proposed "The Newport Association." Mr. C. C. Giles (a past-president of the Newport Association) recalled its formation in 1897.

**Birmingham Discussion.**—A meeting of the Birmingham Branch of the Pharmaceutical Society and the Birmingham Pharmaceutical Association was held on December 2, when Mr. H. Walsh presented a report on the Branch Representatives' meeting at Torquay. Mr. E. W. Mann, who had also attended the Torquay meeting, paid tribute to the efficient way in which Mr. Walsh had acted as spokesman for the Branch and suggested that no more suitable candidate could be found for the Society's Council election. Dr. J. Priestman said the introduction of pharmacy degrees would not lower the standard of the Society's qualifications so long as these were controlled by pharmacists. Mr. F. Gunn spoke of the need for a reasonable flow of pupils into the craft. Mr. P. Crees said a health centre worthy of the name must have a pharmacy department with a pharmacist in charge. Mr. Walsh said pharmacists' fears of competition from health centre dispensaries had been somewhat allayed when it became apparent that there would not be a centre at every street corner.

## IRISH NEWS

**N.I. Examination Results.**—The following candidates were successful in the December examinations of the Pharmaceutical Society of Northern Ireland:—*Preliminary Scientific*: N. H. Anderson, W. F. Black, D. Carlin, L. A. Kerr, T. R. Lowther, Bridget Montague, Mary McDermott, Mary J. T. McGarrity, Mary J. McGrath, M. O'Kane, E. R. Wightman, J. Wilson. *Final Qualifying*: Cora B. Abernethy, D. N. P. Alexander, Margaret Bodkin, J. A. Boylan, J. Chapman, R. Cleland, J. E. Coyle, J. Gordon, Vera Knipe, J. D. Marshall, D. W. McClay, E. R. McDonagh, R. G. McLaughlin, B. McRoberts, L. P. O'Hare, T. J. Quinn, N. H. Smyrell.

**Belfast Discussion Meeting.**—The second of a series of informal meetings in Belfast arranged by Mr. John McGregor (president, Pharmaceutical Society of Northern Ireland,) when Mr. Walter C. Tate (a past-president of the Society) read a paper entitled "Animal, Vegetable and Mineral," attracted a large attendance on December 8. Mr. Tate dealt with remedies and superstitions dating from ancient times. In the subsequent discussion, several speakers described unusual cures which they had met with in rural areas. The next meeting in the series is to be on January 12, 1948, when the discussion will be opened by Mr. J. R. Guiler.



## COMPANY NEWS

**GOSFORD PHARMACY, LTD. (P.C.).**—Capital £3,000. Mrs. Dorothy J. Thompson, M.P.S., and Anthony J. Mottram, directors. R.O.: 480 Binley Road, Binley, Coventry.

**A. GRAHAM, LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturers of and wholesale and retail dealers in cosmetics, creams, soaps, perfumes, etc. Anna G. Rich, director. R.O.: 6 Finsbury Square, London, E.C.2.

**BIOPLASTICS (EMPIRE), LTD. (P.C.).**—Capital £25,000. To carry on the business of producers and manufacturers of and dealers in plastic powders, glass and refractory materials, chemicals, resins, etc. The first directors are to be appointed. R.O.: 88 Kingsway, London, W.C.2.

**PICCADILLY DISTRIBUTORS, LTD. (P.C.).** Capital £100. To carry on the business of manufacturers of and dealers in perfumes, essences, chemicals, toilet requisites, etc. William Claff and Patrick A. Reilly, directors. R.O.: 59 Brewer Street, London, W.1.

**ETHICAL PRODUCTS, LTD. (P.C.).**—Capital £100. To carry on the business of manufacturers of and dealers in chemicals, gases, drugs, medicines, toilet requisites, etc. Cyril G. A. Sadler and Frederic Holden, M.P.S., directors. R.O.: Adelaide House, Teddington.

**SIEREX, LTD. (P.C.).**—Capital £5,000. To carry on the business of manufacturers of and dealers in x-ray, electro-medical, radioactive and activated material of all kinds, hospital, surgical and medical equipment, etc. Frederick H. Worters and Walter F. A. Hollibay, directors. R.O.: 3 St. Dunstan's Lane, London, E.C.3.

**MISS MATTHEWS, LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturers of automatic sales machines; dealers in surgical and medical dressings, medicated cotton wool, bandages, lotions, ointments, etc. Annie Stretch, Phyllis H. Swallow, Magdalen Rubel, Wilfred Stretch, Thomas R. Swallow and Leo Rubel, directors. R.O.: 39 High Street, Manchester.

**TIP-TONE (VETERINARY) PRODUCTS, LTD. (P.C.).**—Capital £500. To carry on the business of manufacturers of and dealers in veterinary products, remedies and tonics for animals, birds, etc. George W. McClure, Donald McClure and Leonard Bond, directors. Solicitor: B. Bridgwater, Gidea Park, Essex.

**COULSON & FISHER, LTD. (P.C.).**—Capital £6,000. To acquire the business of a pharmaceutical chemist formerly carried on by the late William T. Archer as "W. T. Archer" at 89 Cherryhinton Road, Cambridge, and to carry on the business of photographic dealers, consulting opticians, etc. The first directors are to be appointed.

**COATES & COOPER, LTD.**—The board announces that in order to facilitate retirement of Mr. G. L. J. Cooper it has been decided to liquidate the existing company and to form a new company of the same name having twice the share capital. Mr. G. A. Coates, M.P.S., the son of one of the founders of the original company, is to be appointed a director.

**LACTAGOL, LTD.**—Net profit for the year ended September 30 amounted to £12,600 against £8,567 in the previous year, plus £3,353 representing overprovision for taxation in previous years. £6,500 is transferred to general reserve (£2,000 in 1945-46). The ordinary final dividend is maintained at 8 per cent. and in addition bonus of 2 per cent. is recommended, making 13 per cent. for the year, compared with 11 per cent. in 1945-46. £1,480 is carried forward (£4,026).

**BRITISH CHEMICALS & BIOLOGICALS, LTD.**—The company, which is a subsidiary of Fisons, Ltd., was incorporated under the name of Genatosan Trust, Ltd., and controls the operating subsidiary companies Genatosan, Ltd., Whiffen & Sons, Ltd., and Bengers, Ltd. The list of applications opened and closed on December 17 for issue of 1,000,000 4 per cent. cumulative redeemable preference shares of £1 each at 22s. per share. R.O.: Harvest House, Ipswich.

## BUSINESS CHANGES

MR. P. B. LARDNER has been appointed London manager of Robert Gibson & Sons, Ltd., 82 Turnmill Street, London, E.C.1.

MR. R. IAN McROBBIE, M.P.S., has acquired the business at 51 Hopetoun Street, Bathgate, formerly carried on by Mr. W. M. Ferrier.

CARNEGIE BROS., LTD., 227 Essex Road, London, N.1, have appointed Mr. H. Ellis their representative for London (south of the river), Kent, Surrey and Sussex.

MR. OSCAR H. MARSHALL, M.P.S., has acquired the business at 12 Portland Road, South Norwood, London, S.E.25, formerly carried on by Mr. H. W. Beale. [Corrected note.]

SANDOZ PRODUCTS, LTD., inform us that from January 1 they are undertaking the distribution to the trade of Sandoz pharmaceuticals. The existing arrangements for supply through wholesalers are not affected except that Brooks & Warburton, Ltd., 22 Vauxhall Bridge Road, London, S.W., cease to be sole wholesale distributors of the company's pharmaceuticals. Direct orders and technical inquiries should be addressed to the company's pharmaceutical department, 134 Wigmore Street, London, W.1.

## TOPICAL REFLECTIONS

### Second Thoughts

The average member of the Pharmaceutical Society, reading your report of the Council's discussion on the draft examination regulations (pp. 726-28), may say: "What is all this fuss about?" It is common ground between those who desired immediate adoption of the regulations and those who brought about the reference back to the Education Committee that there must be changes in examination requirements in order that pharmacy may keep its place among other vocations. As it happens, your "Notes for Intending Emigrants" on p. 729 have a bearing on the subject: they briefly indicate the standards laid down for qualifying in Canada and the United States. Obviously the comparable standards in this country must not be too similar. However, if the provision of optional subjects is wisely arranged, the requisite examinations of the Society should not prove to be unduly difficult for students of ability. As I see it, the essential objection of those members of the Council who obtained a vote referring the draft regulations back to the Education Committee is that the whole affair has been mismanaged: it has been both rushed and hushed. Changes of such far-reaching importance cannot be rendered secure by the rough and ready process of putting up the secretary of the Society to explain them at a meeting of branch representatives. They need to be considered at a series of branch meetings—preferably district meetings—with discussions between those who teach in colleges and those who in shops and elsewhere deal with the outcome of college tuition. The branches of the Society have to some extent invited the present trouble by apathy. The issue now lies with the Council and its Education Committee; a more flexible scheme can and should be evolved.

### Barrier Creams

The address of Dr. Sybil G. Horner on barrier creams for the prevention of industrial dermatitis (p. 720) is a valuable résumé of present knowledge of the subject. Step by step, Dr. Horner took her hearers over the ground of essential requirements for such creams, discussing the advantages and the possible drawbacks of different ones. Instead of attempting to summarize the numerous points in the address, I prefer to call attention to one remark. She reads: "For industries with a toxic as well as a skin hazard, the formulation of

barrier creams required great care or the risk of systemic or local effects might be aggravated." This is a warning against the use, for instance, of fatty substances which can easily convey a toxic, fat-soluble chemical into the body. It is to be hoped that the speaker's caution against perfuming barrier creams designed for use in the food industry is duly observed by people in charge of food manufacture. Packets of proprietary foods sometimes reach grocers' customers with an aroma suggesting contact with perfume; that, however, may not be the fault of the manufacturers. Your report does not mention a usual feature of factory precautions against dermatitis, the patch test. While a little troublesome to carry out rigorously, it repays any trouble by settling the question of susceptibility on the part of individual workers. Such tests can be done on the forearm or on the back of the patient.

### Tobacco and Its Substitutes

In your "Miscellaneous Inquiries" on p. 732 the question of tobacco substitutes has come up again. Ever since James the First issued his "Counterblast," the ingenuity of smokers must have been exercised on finding acceptable substitutes for the genuine leaf. Scott makes no reference to this royal pamphlet, as far as I remember, in "The Fortunes of Nigel," though he was no doubt familiar with it. Many smokers have experimented, for various reasons, with mixtures of leaves that they hoped could be smoked with at least a semblance of enjoyment. In the sixth edition of "Pharmaceutical Formulas" (1905) you gave a recipe for a herbal mixture for smoking consisting of coltsfoot, eyebright, thyme, hyssop, rosemary, lavender flowers and rose petals. It would be tedious to present your readers with other formulas of the kind. I may add, however, that fifty or more years ago the sale of cascarrilla bark for smoking in pipes was not uncommon. Returning to tobacco, two curious parodies may be mentioned. The kind of couplet perfected by Pope was used, not long after his death, by an obscure author named Isaac Hawkins Browne in an "Address to Tobacco." He wrote: "Blest leaf! whose aromatic gales dispense To Templars modesty, to Parsons sense." This not very brilliant effort might have remained in obscurity but for its use as the basis of a second parody by Jane Austen in Chapter XVII of "Mansfield Park." **Xrayer**



## BIRTHS

**BINDE.**—At Birchfield maternity home, Rochdale, Lancs, on December 15, Clarice (née Luft), the wife of Hyman Binde, M.P.S., 775 Halifax Road, Rochdale, of a daughter.

**MACLEAN.**—At Dawsholm nursing-home, Glasgow, on December 9, Mabel, the wife of James M. Maclean, M.P.S., 922 Pollokshaws Road, Glasgow, of a daughter.

## DEATHS

**BATTERS.**—On November 19, Mr. Arthur Batters, M.P.S., 341 Rookery Road, Handsworth, Birmingham, 21. Mr. Batters qualified in 1940.

**BELL.**—On December 3, Mr. Thomas Bell, M.P.S., 3 Cobden Terrace, Brighton Road, Rhyl, Flints, aged sixty-three.

**BLUNT.**—Recently, Mr. Francis Frederick Blunt, Abington Square, Northampton, aged ninety-one. He had been associated with pharmaceutical businesses for over seventy years, taking over from his father the firm of F. F. Blunt & Co., founded in 1846. The business was later incorporated as a limited company. A widower, Mr. Blunt is survived by one daughter. The funeral service at St. Giles's Church, Northampton, was accompanied by Masonic rites (Mr. Blunt was one of the founders of the Kingsley Lodge of Freemasons). Many local chemists attended.

**CHAUNDY.**—In October, Mr. John Henry Chaundy, 31 St. John Street, Oxford. Mr. Chaundy qualified in 1897.

**CLEGG.**—On November 23, Mr. John Willie Clegg, M.P.S., 18 Wesley Street, Castleford, Yorks, aged sixty-nine.

**EVANS.**—On November 18, Miss Christine Margaret Evans, M.P.S., 26 North Crescent, St. Annes-on-Sea, Lancs. Miss Evans qualified in 1928.

**HATTON.**—At Roker, Sunderland, recently, Mr. Foster James Hatton, M.P.S., 45 Roker Park Road, Sunderland. Mr. Hatton qualified in 1891. He was formerly the proprietor for many years of a pharmacy in Appleby, Westmorland, but had been in retirement for several years.

**KENNELLY.**—Recently, Mr. Patrick Joseph Kennelly, M.P.S.I., Castle Street, Tralee. Mr. Kennelly was a member of the Kerry Vocational Education Committee,

and for a period a member of the Kerry county council. He was a strong supporter of the Irish independence movement, and at his funeral military honours were accorded by members of the former Irish Republican Army. Mr. Kennelly is survived by his widow and family.

**O'MALLEY.**—Suddenly, on December Mr. Austin O'Malley, M.P.S.I., Ma Street, Castlebar, Eire. Mr. O'Malley was registered on August 25, 1921.

**RAYLEIGH.**—At Terling Place, Essex, on December 13, Lord Rayleigh, D.Sc., LL.D., F.R.S., aged seventy-two. After a training at the Imperial College of Science, Lord Rayleigh worked throughout his life in the private laboratory established at Terling by his father, conducting researches there on a wide range of subjects. His investigations into the amount of radioactive materials in minerals led to a method of determining the age of rocks. With the late Professor Fowler he detected the presence of ozone in the upper atmosphere. From 1929-34 Lord Rayleigh was foreign secretary of the Royal Society, of which he had been a Fellow since 1905. He was president of the British Association, 1933 and of the Physical Society, 1934-36, and a holder of the Rumford medal.

**ROBERTS.**—On November 27, Miss Gwenllian Jane Prosser Roberts, M.P.S., 6 Cheston Avenue, Croydon, Surrey, aged forty-four.

**STEVEN.**—At Western General Hospital, Edinburgh, on November 23, Mr. George Steven, Ph.C. (Semprolia Products, Ltd., Edinburgh), 2 Roull Road, Corstorphine.

**STRACHAN.**—On October 24, Mr. John Strachan, R.D.S., M.P.S., P.O. Box 50, Salisbury, Southern Rhodesia, aged ninety-two. Mr. Strachan qualified in 1878 and settled in Southern Rhodesia in 1891 to practise as the first chemist and druggist and the first dentist in Salisbury. He retired many years ago but the business continued to be carried on under his name.

**TENNANT.**—On December 4, Mr. Alfred Tennant, 7 The Grove, Little Holland Clacton, Essex, aged eighty-seven. Mr. Tennant qualified as a chemist and druggist in 1884 and passed the Pharmaceutical Chemistry examination the following year.

**WAYMOUTH.**—On November 21, Mr. Thomas Staddon Waymouth, 92 Marlboro Road, Shiphay, Torquay, aged eighty-seven. Mr. Waymouth qualified as a chemist and druggist in 1882.



## PERSONALITIES

MR. H. WALSH, M.P.S., Birmingham (a member of the National Joint Industrial Council for Retail Pharmacy), was the author of a letter published in the "Birmingham Mail" recently dealing with the awkwardness of the normal business hours of a retail pharmacy.

SIR FRANK ENGLEADOW, C.M.G., F.R.S. (Cambridge), has been appointed chairman of the Food Investigation Board of the Department of Scientific and Industrial Research. Sir Frank has been engaged on work on the biological factors affecting crop yields.

MR. F. W. BEKEN, M.P.S. (secretary of the Isle of Wight Pharmaceutical Committee) contributed a letter to the "Isle of Wight County Express" recently pointing out that pharmacists under contract with Local Insurance Committees were expected to supply medicines during their hours of contract only, and that doctors received a *per capita* to cover the provision by them (usually outside these hours) of specially urgent medicines.

MR. W. R. BEE (London manager of Robert Gibson & Sons, Ltd.) has retired after almost sixty years' service with the company. As a young man, he was transferred from the company's Manchester works to a new London depot, taking over the managership of it some fifty years ago. At a ceremony in his honour recently, the directors presented Mr. Bee with a cheque. At his retirement Mr. Bee intends to keep himself occupied with his hobby—that of making and repairing time-pieces.

MR. K. E. WHITE, M.P.S., The Pharmacy, High Street, Ripley, Surrey, together with a number of other retail pharmacists in the Guildford area, are placing on their counters printed post cards protesting against the levying of purchase tax on essential medicines. They are encouraging customers to register their own protests by signing cards and posting them to the Chancellor of the Exchequer to whom they are addressed. The postcard is worded "I, the undersigned, emphatically protest against the imposition of Purchase Tax on drugs, medicines and many articles necessary to personal hygiene, and request its immediate abolition."

MR. ALBERT WILLIAM AUSTIN, Ph.C., who has been elected to the board of directors of Cheers & Hopley, Ltd., chemists, etc., 6 Northgate Street, Chester,

started with the company in 1939. During the 1939-45 war he was commissioned in the R.A.F.V.R. Technical Branch (Armament) and rejoined the firm in 1946. Mr. Austin studied at the Welsh College of Pharmacy, Cardiff, where he received the Albert Hagon Commemorative Medal for the best Welsh chemist and druggist student in 1938. He passed the Pharmaceutical Chemist qualifying examination in July 1947, and in May was awarded the Diploma in Biochemical Analysis after a course in chemical pathology at the Welsh National School of Medicine.

MR. J. C. ACHESON, M.P.S.N.I., 62 Cromac Street, Belfast, who has been elected president of the Ulster Chemists' Association (see p. 750), is the second son of the late Dr. S. F. A. Acheson, M.P.S.I., who was one of the founders of the Association, and, later, for twenty-five years, the medical representative on the Council of the Pharmaceutical Society of Northern Ireland.



The new president began his apprenticeship in 1911 in the business founded by his father in 1889, and after qualifying as a pharmaceutical chemist in 1921, took charge. One of his brothers is a doctor and another a dentist. Mr. J. C. Acheson has a long connection with the Ulster Chemists' Association. He has been a member of the executive committee since 1940, filling the positions of joint secretary, and, in the past year, of vice-president.

MR. H. A. MASON, B.A., who has been appointed a director of Evans Medical Supplies, Ltd., joined staff of the company after executive experience in India, Southern Rhodesia, Burma and China. Following training in the company's establishments he went on a tour of overseas markets, visiting the Middle East, India, South Africa and Latin America, returning to this country only a few weeks ago. MR. W. A. KINNEAR, M.A., who has also been appointed a director, joined the company in January 1946. He was appointed assistant drug buyer in September of that year, and chief drug buyer in 1947.

## TRADE NOTES

**Prices in Eire.**—British manufacturers of medicinal and toilet preparations that have a distribution in Eire are asked to notify the Irish Drug Association of any changes in price structure affecting the Irish market.

**At Pre-budget Prices.**—Hannetta, Ltd., Humber Road, London, N.W.2, are continuing for the present to supply Marion Moore's shampoo at pre-budget prices; details are given elsewhere in this issue.

**Surgeries for Chiropody.**—Illustrations appear on another page of chiropody surgery fittings available from the Scholl Manufacturing Co., Ltd., 182 St. John Street, London, E.C.1.

**Bonus Terms.**—Until the end of December, bonus terms for Damancy's wintergreen analgesic cream, manufactured by Damancy & Co., Ltd., Harrow, Middlesex, are available to pharmacists. The product is on the Chemists Federation list.

**Treatment for Worms in Dogs.**—Pugh's Veterinary Medicines, Ltd., 2 Quay Street, Cardiff, draw attention in this issue to their speciality Pugh's non-fasting remedy for worms in dogs. Supplies are available through S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts.

**Foot Ointment and Dusting Powder.**—The British Drug Houses, Ltd., London, N.1, draw attention in this issue to their speciality Mycil, a fungicide for athlete's foot. The preparation is available as an ointment and as a dusting powder. Terms are given in the announcement.

**An Obsolete Price.**—Potter & Clarke, Ltd., 60 Artillery Lane, London, E.1, state that in an announcement about Potter's asthma remedy (*C. & D.*, December 13) the price given was the pre-Budget figure. The correct price was as given in an earlier announcement (November 29).

**Dollar-earning Air Freights.**—The first consignment of a large order from the United States for calciferol (see *C. & D.*, November 29, p. 654) left London airport on December 3 on a British Overseas Airways' machine bound for New York. The order was placed with Glaxo Laboratories, Ltd., on October 21, and delivery is expected to be completed by December 31.

**Quick-acting Aspirins.**—Thompson & Capper Wholesale, Ltd., Speke Hall Road, Liverpool, 19, are marketing Q.A. brand quick-acting aspirin tablets, which are "made so that they disintegrate imme-

diately they are swallowed." The table are on the C.F. and P.A.T.A. lists. Retail prices are given on another page; trade prices and samples will be sent to chemists on request.

**Nationally Advertised.**—Advertisers will appear in the national Press throughout the winter for Edme Autumn Sun extract of malt with cod liver oil, manufactured by EDME, LTD., Imperial House, Regent Street, London, W.1. — Regular insertions are appearing in the northern edition of the "News Chronicle" for Novadent denture water manufactured by RENTEX, LTD., Belle Vue, Bradford. Increased national advertising is appearing for Biocrin pomade shampoo, a preparation manufactured by VINE'S BIOCRIN, LTD., London, W.2.

**Holiday Closings.**—THE CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10, and POTTER & CLARKE, LTD., Artillery Lane, London, E.1, will be closed from mid-day December 24 until Monday morning, December 29. Emergency supplies of Messrs. Crookes' preparations may be obtained from John Bell & Croyden, 5 Wigmore Street, London, W.1.—The works and warehouse of THOMAS MORSON & SON, LTD., will be closed for holidays and annual stocktaking from December 24 till Thursday morning, January 1. Only urgent orders will be dealt with in that period and no deliveries can be accepted. The London offices of the company will be closed from December 24 till December 29.—The offices and works of PAINES & BYRNE, LTD., Bitton Road, Greenford, Middlesex, will be closed from December 24 to 29. (Emergency supplies from John Bell & Croyden.—The offices of THE CHEMIST AND DRUGGIST will be closed from December 24 to 29.)

**Christmas Greetings.**—The announcements of the following advertisers in this week's issue are devoted to Christmas greetings to their customers.—BURGOYNE, BURGIDGES & CO., LTD., East Ham, London, E.6; ARTHUR H. COX & CO., LTD., Brighton; D. DEVON, LTD., 9 Norfolk Place, Paddington, London, W.2; C. R. HARKE, STAGG & MORGAN, LTD., Emmott Street, London, E.1; POTTER & CLARKE, LTD., 60 Artillery Lane, London, E.1; SHARP & DOHME, LTD., Hoddesdon, Herts; W. SUTTON & CO., DRUGGISTS' SUNDRIES, LONDON, LTD., Horseshoe Lane, Chaseside, Enfield, Middlesex, and WALDEN & CO. (NUFIX) LTD., Nufix Works, London, N.W.9.



# PROPRIETARY ARTICLES TRADE ASSOCIATION

The following alterations involve basic retail or standard wholesale prices and do not arise from increases in the rate of purchase tax.

**Alterations to List (Part 2).**—*Culmak, Ltd.*, Culmak shaving brushes, No. 42, 270s. doz., tax 50 per cent., i.r.p. 45s.; Prince, 120s. doz., tax 50 per cent., i.r.p. 20s.; senior, 50s. doz., tax 50 per cent., p. 8s. 4d.; junior, 25s. doz., tax 50 per cent., p. 4s. 2d.

*John Freeman & Co., Ltd.*, Spa Nylon tooth-brushes:—No. 1 Junior, 9s. doz., tax 50 per cent., p. 1s. 6d.; No. 3 (longhead), No. 4 (shorthead), p. 5 (prophylactic), 12s. doz., tax 50 per cent., p. 2s. Dental-plate brush No. 75, bristle tooth-brushes, T.N.T. (envelope), 15s. doz., tax 50 per cent., i.r.p. 2s. 6d.

*Bob Martin, Ltd.*, Bob Martin's preparations for dogs and cats, Condition powder tablets, Tibs cat powders, 4s. 10d. doz., tax 33½ per cent., i.r.p. 8d.; mach powders, fit and hysteria tablets, foot powders, eye drops, canker powder, canker lotion, 9d. doz., tax 33½ per cent., i.r.p. 2s.; '92 ointment, 11s. doz., tax 33½ per cent., i.r.p. 1s. 6d. Mansfur chalk block, 5s. 9d. doz., tax 50 per cent., p. 10½d.; bloom shampoo (three shampoos), 6d. doz., tax 50 per cent., i.r.p. 1s. 9d.; dog p. 6s. doz., tax 50 per cent., i.r.p. 10½d.

*Musterole Fine Products Co., Ltd.*, M.O. magenta oil, 8-oz., 22s. 6d. doz., tax 33½ per cent., p. 3s. 6d.; 16-oz., 39s. doz., tax 33½ per cent., p. 6s. Musterole brand mustard ointment, 9d. doz., tax 33½ per cent., i.r.p. 3s. 2d.

*Cott & Boune, Ltd.* (Prices do not apply in Eire).—Scotts emulsion, 28s. 5d. doz., tax 33½ per cent., i.r.p. 3s. 9d.; 49s. 3d. doz., tax 33½ per cent., p. 6s. 6d.; 45s. parcels, 26s. 7d. and 46s. 2d. respectively.

*Silf Co., Ltd.*, Silf tablets, 12s. 10½d. doz., tax 33½ per cent., i.r.p. 1s. 9½d.; 29s. 4½d. doz., tax 33½ per cent., i.r.p. 4s. 1d. Silf saline, 16s. 1½d. doz., tax 33½ per cent., i.r.p. 2s. 3d.

*L. Simpkin & Co., Ltd.*, Vitalised stomach powder, 13s. doz., tax 33½ per cent., i.r.p. 2s.

*Wigglesworth, Ltd.*, Opasillin, 11s. 3d. doz., tax 33½ per cent., i.r.p. 1s. 9d.; one doz., 11s. doz.

*James Woolley, Sons & Co., Ltd.*, Glucosol, now exempt from purchase tax.

**Alterations to Protected List (Part 1).**—*Ashley & Eaks, Ltd.*, Macaulay lung syrup, popular size, 6d. doz., tax 33½ per cent., inclusive retail price 1s. 10d.; family size, 19s. doz., tax 33½ per cent., i.r.p. 2s. 10d.; bronchial tablets, 7s. doz., tax 33½ per cent., i.r.p. 1s.; bronchial concentrate, 6d. doz., tax 33½ per cent., i.r.p. 1s. 6d.; Retrodol, 6d. doz., tax 33½ per cent., i.r.p. 2s. 3d.

*Beechams Pills, Ltd.* (Great Britain and Isle of Man).—Beechams pills, 11s. doz., tax 33½ per cent., p. 1s. 6d.; 26s. 9d. doz., tax 33½ per cent., i.r.p. 8d. (78 twists to retail at three twists for 3½d., including tax); 51s. doz., tax 33½ per cent., i.r.p. 3d.; powders, 11s. doz., tax 33½ per cent., i.r.p. 6d. (34 powders to retail at two powders for 1s., including tax); 51s. doz., tax 33½ per cent., p. 6s. 3d.; powders in tablet form, 11s. doz., tax 33½ per cent., i.r.p. 1s. 6d.; lung syrup, 11s. 4d. doz., tax 33½ per cent., i.r.p. 1s. 6d.; 22s. 8d. doz.,

tax 33½ per cent., i.r.p. 3s.; Lactopeptine tablets, 11s. 4d. doz., tax 33½ per cent., i.r.p. 1s. 6d.; 27s. 6d. doz., tax 33½ per cent., 3s. 8d. Prices for minimum quantities of one dozen discontinued. (Northern Ireland).—Beechams pills, 10s. 6d. doz., tax 33½ per cent., i.r.p. 1s. 5½d.; 27s. 3d. doz., tax 33½ per cent., i.r.p. 3s. 7d. (78 twists to retail at three twists for 3½d., including tax); 51s. doz., tax 33½ per cent., i.r.p. 6s. 3d.; powders (eight powders), 11s. 4d. doz., tax 33½ per cent., i.r.p. 1s. 7d. (34 powders to retail at two powders for 5½d., including tax); 49s. 6d. doz., tax 33½ per cent., i.r.p. 6s. 3d. Also on cards containing sixteen powders to retail at two for 5½d., 24s. doz. cards, tax 33½ per cent.; powders in tablet form (each bottle containing sixteen tablets), 11s. 4d. doz., tax 33½ per cent., i.r.p. 1s. 7d.; lung syrup, 11s. 9d. doz., tax 33½ per cent., i.r.p. 1s. 7d.; 23s. 6d. doz., tax 33½ per cent., i.r.p. 3s. 2d.; Lactopeptine tablets, 11s. 9d. doz., tax 33½ per cent., i.r.p. 1s. 7d.; 28s. 3d. doz., tax 33½ per cent., i.r.p. 3s. 10d.

*Castle Laboratory*, Antexema granules, 11s. 6d. doz., tax 33½ per cent., i.r.p. 1s. 7d.

*Evans Medical Supplies, Ltd.* (Prices in Eire).—Cascaramol, 2-oz., 30s. doz.; 8-oz., 88s. doz.; Ephregel nasal jelly, 16s. doz.; Glow-well liniment, 15s. doz.; Hepatex, 126s. doz.

*Fynnon, Ltd.* (c/o Macleans, Ltd.), Fynnon salt, 15s. doz., tax 33½ per cent., i.r.p. 2s.

*Gale, Baiss & Co., Ltd.*, Morelix, 8-oz., 24s. doz., tax 33½ per cent., i.r.p. 3s. 8d.; 16-oz., 42s. doz., tax 33½ per cent., i.r.p. 6s. 5d.

*Kaylene, Ltd.* (inclusion of large size), Magsorbent with atropine tablets, 200's, 90s. doz., tax 33½ per cent., i.r.p. 12s. 6d.

*Macleans, Ltd.*, Macleans hydrogen peroxide, small size, 5s. 3d. doz., tax 33½ per cent., i.r.p. 10d. Maclean brand stomach powder, large size, 20s. 6d. doz., tax 33½ per cent., i.r.p. 2s. 10d.; stomach tablets, large size, 20s. 6d. doz., tax 33½ per cent., i.r.p. 2s. 10d.

*Natural Chemicals, Ltd.* (Great Britain).—Phyllosan tablets, 27s. doz., tax 33½ per cent., i.r.p. 3s. 8d.; 44s. 1d. doz., tax 33½ per cent., i.r.p. 6s. (Northern Ireland).—26s. doz., tax 33½ per cent., i.r.p. 3s. 8d.; 42s. doz., tax 33½ per cent., i.r.p. 6s.; 161s. doz., tax 33½ per cent., i.r.p. 22s. 4d.

*Chas. H. Phillips Chemical Co., Ltd.*, Milk of Magnesia, 11s. 3d. doz., tax 33½ per cent., i.r.p. 1s. 7d.; 22s. 6d. doz., tax 33½ per cent., i.r.p. 3s. 2d.; Mil-Par, 20s. 5d. doz., tax 33½ per cent., i.r.p. 2s. 10d.; 34s. 3d. doz., tax 33½ per cent., i.r.p. 4s. 9d.; California syrup of figs (chemists' pack), 10s. 8d. doz., tax 33½ per cent., i.r.p. 1s. 6d.; 19s. 9d. doz., tax 33½ per cent., i.r.p. 2s. 10d.; (general pack), 21s. 7d. doz., tax 33½ per cent., i.r.p. 2s. 10d.

*Phosferine (Ashton & Parsons), Ltd.*, (Great Britain and Northern Ireland).—Phosferine (liquid and tablets), 11s. doz., tax 33½ per cent., i.r.p. 1s. 6d.; 27s. 3d. doz., tax 33½ per cent., i.r.p. 3s. 8d.; infants' powders, Kemnos ointment and Sanacine tablets, 11s. doz., tax 33½ per cent., i.r.p. 1s. 6d.

*Urillac Co., Ltd.*, Urillac tablets, 5s. doz., tax 33½ per cent., i.r.p. 8½d.; three dozen, 4s. 6d. doz.; 10s. doz., tax 33½ per cent., i.r.p. 1s. 5d.; three doz., 9s. doz.; 23s. doz., tax 33½ per cent., i.r.p. 3s. 4d.; three doz., 21s. 3d. doz.



## THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

ON December 8 MR. F. W. SKINNARD asked the Minister of Food whether he was now in a position to allow persons who were forbidden, on medical grounds, to eat bread a more generous rate of exchange of bread units for points with which to obtain rye biscuits. MR. JOHN STRACHEY replied that people who were forbidden to eat bread because of sensitivity to wheat flour were allowed to exchange nine bread units for sixteen points, enough to purchase the calorie equivalent of their bread ration as rye crispbreads. If the application was made because a reducing diet was required, the exchange rate allowed was one B.U. for one point. If Mr. Skinnard had any hardship case in mind he would investigate. The Minister was advised that the surrender gave an equivalent return to the consumer.

### Pharmacists Bill

The Medical Practitioners and Pharmacists Bill passed through its committee stage and received a third reading. It has already passed the Lords.

### Taxation Questions

During the report stage of the Finance Bill on December 8, Opposition members raised the question (introduced in the Budget) of the interest on unpaid taxes. They drew from the Solicitor-General the statement that the interest would only begin to run when a final assessment of income tax and profits tax had been made.

On December 9 MR. OLIVER STANLEY, for the Opposition, said the profits tax discouraged venture capital. That meant inevitable death to the economy of the country. SIR PETER BENNETT took the same theme.

### Trading Difficulties in Sweden

MR. F. W. SKINNARD asked the President of the Board of Trade whether he was aware of the difficulties experienced by prospective customers for British goods in Sweden, owing to there being no British chamber of commerce in Stockholm; and whether he would arrange for a central source of information in that city. MR. A. G. BOTTOMLEY (Secretary for Overseas Trade) replied that he was not aware of any such difficulties. The Commercial Secretariat of the British Embassy at Stockholm was equipped to handle inquiries about the import of United Kingdom goods into Sweden, and to act as a central source of trade information.

### Income from Inventions

ON December 11 SIR WALDRON SMITHER asked the Chancellor of the Exchequer whether, in view of the necessity for increased production and efficiency in industry, he would consider encouraging inventors by making at least two-thirds of a receipts from inventions non-taxable capital. MR. GLENVIL HALL (Financial Secretary) replied "No." He added that inventors must pay their fair share of tax on profits and income received.

### Drawback on Re-exports

Later in the same day MR. GLENVIL HALL informed SIR WALDRON SMITHER that drawback of the protective duty paid on imported material used in the manufacture of exported goods could be obtained where a case was made out under Section of the Finance Act, 1932. In considering schemes of drawback, the interests of the United Kingdom manufacturers of similar materials to those imported had to be considered as well as the requirements of the exporter.

In a reply to Colonel Bromley-Davenport on December 11, Mr. Harold Wilson (President of the Board of Trade) said that some reduction in imperial preference had been agreed over part of the field in most of the important export industries, including chemicals, but the reductions had been spread as widely as possible to avoid undue risk to any particular industry. Tariff concessions had also been secured in both Commonwealth and foreign markets. He had every confidence that British exporters would be able to deal with the new situation.

### Shortage of Baby Scales

MR. L. D. GAMMANS asked the Minister of Supply if he was aware that, although ordinary weighing machines were not controlled, baby-weighing machines could only be ordered from the manufacturer on receipt of a medical certificate, and there were delays of from six to nine months in delivery. Did he propose to allow small stocks to be held by chemists and hospitals?

MR. JOHN JONES (Joint Parliamentary Secretary): I am afraid that our resources do not at present allow enough scales to be made to enable chemists and hospitals to hold stocks. I understand, however, that baby-weighing machines are available at centres run by local authorities.

## AMENDMENTS TO POISONS RULES

NEW poisons rules, which were published in draft form in October (see *C. & D.*, October 18, p. 486), come into operation on January 1, 1948. The effects of the rules are as follows:—

### Nicotine Dusts

When nicotine dusts containing not more than 4 per cent. nicotine, for use as horticultural or agricultural insecticides, are sold, the purchaser need not be certified in writing or known to the seller, and no entry need be made in the poisons register. Nicotine dust continues to be a First Schedule poison and provisions concerning labelling and storage are not relaxed.

### Fourth Schedule Drugs for External Use

A prescription for a Fourth Schedule poison to be used for external treatment only need not contain a statement of dose.

### Sulphonamides in Ointments, etc.

Sulphonamides contained in ointments and surgical dressings are exempted from Fourth Schedule restrictions, but continue to be First Schedule poisons requiring an entry in the Poisons Register.

The effect of the remaining rules is to make permanent certain provisional rules made during the war, as follows:—

### Strychnine for Killing Moles and Seals

The sale of strychnine for the purpose of killing moles or seals is permitted, in quantities not exceeding 4 oz., on production of a written authority signed by the executive officer or secretary of a County War Agricultural Executive Committee or, in Scotland, by the chairman or secretary of an Agricultural Executive Committee. The purchase must be made within three months of the issue of the authority, and the authority must be retained by the seller. The war-time rule which put an onus on the purchaser not to use the strychnine for any other purpose and to take proper precautions to prevent other animals from gaining access to it, has not been continued in the new rules.

### Surgical Spirit

Surgical spirit containing not more than 0.015 per cent. brucine is exempted from the provisions of the Pharmacy and Poisons Act and the Poisons Rules.

## CHEMISTS FEDERATION

A MEETING of the Chemists Federation Council was held in London on December 17. Mr. W. J. Tristram (president) in the chair. The secretary reported that to date 24,423 had been received for the C.F. Publicity and Propaganda Fund with further amounts promised for the next four years. It was decided to adopt publicity measures, including:—(1) The wider distribution of C.F. standards brochures. (2) The monthly distribution to retailers of calendar blotters. (3) The quarterly publication of an abridged edition of the C.F. Bulletin. (4) The periodical issue to chemists of folder cards containing a list of C.F. products recommended for seasonal display. (5) The purchase of 1,000 hanging plaques or other display pieces in transparent plastic for free issue to retailers who undertook to use them effectively. (6) The supply to retailers, for distribution to the public, of printed leaflets explaining the work and objects of the Federation.

Of nine applications for wholesaler membership, six were refused, two deferred for further consideration, and the following accepted: Smith & Hill (Chemists), Ltd., Sidney Street, Sheffield. The Council con-

firmed the opinion of the Standards Committee that the Federation should not ask its retail members to make window or counter displays of preparations containing morphine. The eligibility for inclusion in the C.F. list of B.P. or B.P.C. preparations marketed under trade names was considered. The Council ruled that, to be eligible for consideration for inclusion in the list as a Class B product, the proprietary designation of a preparation must predominate.

The following application for manufacturer membership was accepted: Fyde Laboratories, Ltd., Carrol Street, Deepdale, Preston, Lancs. Products: Fiery Jack rubbing ointment, Fiery Jack warming wool, and Rheumalax. Another application was accepted on condition that the manufacturer deleted an item from the claims made for one of the products offered. Elvesol Laboratories reported that their product Elvesol ointment was no longer being manufactured; it was agreed to delete the product from the C.F. list. Among other matters discussed were arrangements for the luncheon and annual meeting of C.F. manufacturers on January 29.



## DUNDEE BRAINS TRUST

At a meeting of the Dundee and East and Central Scottish Branch of the Pharmaceutical Society held in Arbroath on November 19, members' questions were answered by a Brains Trust consisting of Dr. Perkins (principal, Dundee School of Pharmacy) and Messrs. F. W. M. Bennett, Arbroath, and J. R. Milne, Dundee, with Mr. A. R. Lowson as question master. Some of the questions and answers are summarised below:—

*How can the correct pH of a cream base for use with penicillin be simply ascertained?* PERKINS: A universal indicator may be used, or two indicators such as phenol red (to orange) and bromothymol blue (to blue) would fix the pH between 6.5 and 7.

*Is a nursing home entitled to be in possession of a dangerous drug prescribed by a doctor, with no patient named, for use in pre-medication at the home?* BENNETT: A doctor must write a prescription giving the name and address of the patient, date, doctor's signature, and address and directions for use.

*Is the educational policy of the Society's Council too high-flying?* MILNE: The Council's new policy would provide little incentive for an apprentice to serve two years when, by taking his college training first, he would need to serve only one year's

apprenticeship. *What use would such an apprentice be to any chemist?* Lowson: Changes are taking place, and more highly trained men will be needed to cope with them. PERKINS: Many modern preparations cannot be made in shops, but wherever they are made the work should be controlled by pharmacists, who must therefore be highly trained.

*Will Scottish retail pharmacy benefit from the National Health Service Act?* MILNE: Not much. BENNETT: Retail chemists may not benefit. If dispensing taken away from the chemist's shop, the National Health Service will prove a disadvantage. Retail chemists must show that they can give a comprehensive dispensing service.

*Is it legal to display preparations labelled "Caution, it is dangerous to exceed the stated dose"?* MILNE: It may not be advisable, but it is legal, except for Schedule 1 poisons.

*Would the equipment of every pharmacy for T.S.A. work be justified?* MILNE: No. PERKINS: One T.S.A. licence should be held in every district. If chemists did not avail themselves of the opportunity to carry out aseptic dispensing, the Ministry might consider they were not equipped to meet the requirements of the National Health Service.

## ULSTER CHEMISTS' ASSOCIATION

At a meeting of the Executive of the Ulster Chemists' Association held in Belfast on December 2, Mr. James C. Acheson, Belfast, was elected *President* on the motion of Mr. Robert Gibson (outgoing president) who paid a tribute to Mr. Acheson's work on the committee. Mr. Acheson, in reply, thanked the committee for the honour and said he hoped, with the help of his colleagues and the secretary (Miss A. E. Strachan) to leave the Association after his term of office in as vigorous a condition as it was at present. He urged members to encourage new chemists' Federation lines. A vote of thanks to Mr. Gibson for his services as president was moved by Mr. John McGregor (president, Pharmaceutical Society of Northern Ireland) and carried with enthusiasm. Mr. Gibson, it was announced, is to continue as chairman of the Pharmaceutical Negotiating Committee. Other appointments made at the meeting were: *Vice-president*, Mr. A. T. Hardy; *Treasurer*, Mr. W. J.

Rankin; *Honorary Secretaries*, Mr. E. A. Richey and Miss C. E. Culbert; *Auditors*, Messrs. Joseph Wellwood and J. A. McRoberts; *Representatives on Joint Council*, The president and vice-president and Messrs. R. Gibson, J. McGregor and E. A. Richey; *Representatives to Associates' Committee* (by invitation), Mr. E. A. Richey and Miss C. E. Culbert; *Committee*, The president and vice-president and Messrs. R. Gibson, E. A. Richey, W. J. Rankin, H. P. Crossin, J. N. Hogg, James McDowell, A. E. Johnston and Miss Culbert; *Representatives on Northern Ireland C.F. Committee*, The president and Messrs. R. Gibson, T. A. Gibson and E. A. Richey; *Representative on C.F. Council*, The president; *Representatives on Belfast Chamber of Trade*, Messrs. A. T. Hardy and H. P. Crossin; *Representative on Ulster Tourist Development Association*, Mr. Walter C. Tate.

The vacancies on the Executive Committee caused by the retirement of Messrs.



J. Abernethy, R. C. Jeffers and E. J. Crawford were filled by the co-optation of Messrs. W. H. Mulholland, C. A. Quinn and C. L. Gordon-Rattie. Mr. H. G. Campbell, Ballymoney, was welcomed on his first appearance.

It was reported that, as the Shops Act stood at present, shops might remain open on the six week-days preceding Christmas but shop assistants must receive a half-holiday during the Christmas week. The Ministry of Home Affairs had not agreed to an amendment of the Act.

A letter was received from the Oils and Fats Control stating that as it has been arranged for Northern Ireland chemists to receive larger supplies of olive oil it would no longer be necessary for members to adhere to their previous obligation to supply only against doctors' prescriptions; future supplies may be distributed by chemists for medicinal purposes without restriction. The secretary reported that letters

had been received from members and assistants inquiring about the position of chemists and apprentices from Eire working in pharmacies in Northern Ireland under the Safeguarding of Employment Bill. It was decided that before supporting applications for permits the committee should consider each case on its merits.

The following were elected to membership: McClune & McCullough, Bangor; F. H. Richardson, Randalstown; S. Magowan, Belfast; R. A. McEleavy, Lisburn; and W. J. Gray (successor to R. Frew, Belfast). The following, whose names had been approved at a previous meeting of the Associates' Committee, were elected to Associateship: *Assistants*, Miss A. Devlin and Messrs. J. Chapman and W. Abernethy; *Apprentice*, Mr. A. J. Mulholland.

Following the meeting, the new president entertained members of the Association present to supper.

## TRADE WITH THE DOMINIONS

THE Australian and New Zealand Section of the London Chamber of Commerce recently asked the Board of Trade to interpret the Government's export policy insofar as it affected trade with the Dominions. The Board's reply stated that, during the recent sterling area conference, the United Kingdom representatives had urged on all Commonwealth Governments the vital necessity in the present crisis of reducing dollar expenditure to an absolute minimum and of taking every possible step to ensure that they lived within their current income. In present circumstances, this country must use its export potential to pay for fresh imports, and that inevitably meant postponing any reduction of sterling balances. Some misunderstanding had arisen through confusion between the two requests. Provided that the Commonwealth countries kept their expenditure within the limits of their current earnings, the Government did not want them to cut imports from the United Kingdom, though it was in the interests of all members of the sterling area that as much as possible of Britain's export capacity should go to hard-currency countries. The primary aim was to increase exports to hard-currency countries, but it was hoped that increased production would enable Britain to achieve that aim without undue interference with other markets.

The Import Licensing Schedule 1948, affecting New Zealand, had been introduced in August, before the Sterling Area

Conference had taken place. In introducing the Schedule, Mr. Nash (New Zealand Minister for Customs) had said that it would still be necessary to provide for considerable expenditure on plant and machinery, while the raw materials needs of industry, and the requirements of certain services such as transport, would involve large commitments. It was therefore necessary to ensure that the funds needed for essential requirements were not depleted by expenditure on non-essentials. The Import Licensing Schedule had been drawn up with that consideration in mind, and the restrictions it embodied were in no sense a response to any request from the British Government.

### Australian Imports from Britain

Australia's current earnings and export prospects, to which the Australian Prime Minister, in his Budget speech delivered on September 19, had referred, enabled that country to admit imports from the United Kingdom and other parts of the sterling area without restriction, apart from a limited range of less essential goods. When the full magnitude of the dollar crisis became apparent, the Colonies had been asked to restrict their imports from the United Kingdom to essentials, in order to prevent their sterling balances being reduced. The question of Colonial import policy was being re-examined, and it was hoped to make an announcement shortly.

## NGEZI BERRIES: A "CURE" FOR CESTODA

**I**NTESTINAL worms are common among many African tribes, their incidence varying according to environment, habits and religion. On the slopes of Kilimanjaro and Meru mountains in northern Tanganyika Territory, wild pigs are abundant. The Cragga and Wa-arusha tribes who live on the mountains hunt and eat pigs and thereby suffer from worms. Christian and Mohammedan alike hunt antelope whenever they can, and most natives of Africa who are not townsmen have their own livestock, which they reluctantly kill for food on certain feast days, or on rare ceremonial occasions. Few of the natives eat meat regularly. When meat is available, however, they cannot wait for the meat to be thoroughly cooked, but must eat much of it raw; while the remainder is bubbling in the pot. The less civilised, those others who have supplies of meat frequently available, and those who, not being Mohammedans, feed on wild pigs, suffer most of all from intestinal worms.

### Unhygienic Habits of Eating

If a hunter kills an animal in the bush, and the meat is divided among his porters, the men of many tribes squat on their haunches and begin to eat the meat while it is still warm. They may treat the entrails as a luxury, slitting and cutting the gut with a dirty knife, roughly scraping out the contents, and chewing it immediately without further preparation. Few natives connect the incidence of cestodes with the habit of eating raw meat. Wherever the complaint is rife, they have their own cure. On Kilimanjaro and the Meru mountains, for instance, they use the ngezi berries, which they obtain from slender trees and shrubs growing among the undergrowth in the rain forests of the upper slopes. The berries are dried, chewed, and swallowed, a small handful being the dose. Being most unpleasant to chew, they are sometimes crushed into a powder, which is mixed with fruit juice or maize porridge to help it down. Apparently the fruit is astringent and strongly emetic and a man has to pluck up courage to take the dose at all, even though the natives seldom believe in a medicine unless the taste is vile. Only light food must be taken the previous day, and when once a man has succeeded in swallowing the dose in the morning, he suffers from diarrhoea a few hours afterwards when the worm is evacuated. No

further food is taken until the bowels have been emptied, and the cure must be followed by a day's rest.

So efficacious is the cure, and so reluctant are the natives to eat the berries on account of the unpleasant taste that, when the Germans administered the country before the first Great War, they prescribed nothing else but ngezi berries for the complaint—at any rate in the northern province. It is said that the patients had to chew and swallow the berries under the supervision of a native policeman, who stood over them with a rawhide whip to see that they did in fact, swallow the dose before leaving the local clinic.

### Possible Varieties of Berry

Ngezi berries from Kilimanjaro, dispatched to the Imperial Institute for report and forwarded to Kew Gardens for possible identification, proved to be a species of the genus *Embelia* (Myrsinaceæ), and probably *E. Schimperi* Vatke. The natives say that the ngezi berries of Meru mountain are smaller and more powerful; in all probability they are obtained from another species of the same genus. *Embelia* fruits are powerfully tænicidal, and have long been employed in India as an anthelmintic; the tape-worms being expelled dead. *E. ribes* and *E. robusta* fruits are said to contain 2.5 per cent. embelic acid, which forms golden-yellow crystals, insoluble in water but soluble in alcohol, ether, chloroform and benzene; the ammonium salt is useful as a tænicide. Other constituents of the fruits are a fixed oil, resin, tannin, an alkaloid (christembine or christenileine) and a trace of volatile oil.

It remains to be discovered whether the ngezi berries of Kilimanjaro do in fact belong to the species *E. Schimperi*, and whether the same species is found on Meru mountain.—A.E.H.

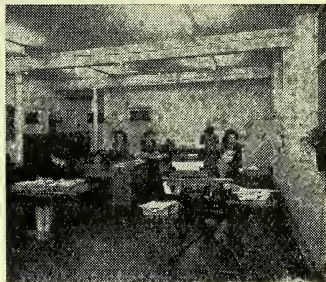
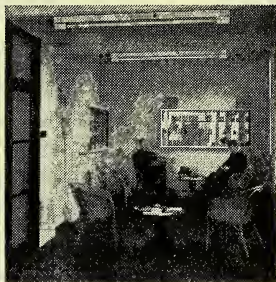
**Slump in Chilblains?**—Am I right, or is it only my imagination which suggests that chilblains are not what they were? I do not suggest that there are no longer such things as chilblains; I have the best reason in the world to be aware of their recurrence in cold weather. . . . What I mean is that chilblains no longer seem to devastate whole families; that one no longer finds families discussing their chilblains miserably, and established out of range of the fire.—H. Kembell Cook in the "Manchester Guardian."



## " GROVES OF IRELAND "

**G**ROVES carried out within recent months for extended offices and waiting rooms at the head office of R. J. Groves & Son ("Groves of Ireland"), wholesale distributors, Belfast and Dublin, establish the firm as one of the most go-ahead in the trade.

This was a serious set-back to progress, but in 1942 larger premises in Northern Ireland became necessary. They were found at 52 Great Victoria Street, where further extensions were made in 1944 and 1946. Quick service by the firm's own vans is a keynote of the concern, which provides



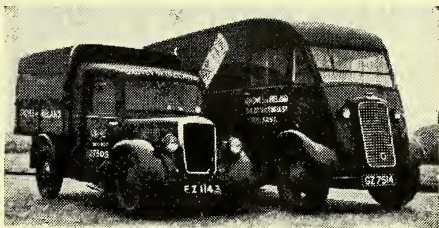
Left, Reception of customers. Centre, Waiting room for clients. Right, Administration. All are part of recent extensions.

The founder of the firm (Mr. R. J. Groves, L.P.S.I.) spent many years in the United States of America as representative of various times of Eli Lilly and Co. and J. B. Smith, Kline & French Laboratories, and in retail business, before returning to Ireland to set up, in 1920, the business of selling and distributing agent at 33 Bridge Street, Belfast. In the following year he opened a Dublin office at 16 South Frederick Street.

### Expanding Activities

For ten years Mr. Groves was sole agent for such well-known proprietaries as Pepsodent, Aspro, Amami, Mentholatum, Tokalon, Veet, Tintex dyes, Yeastvite. In 1931 he was joined by his son (Mr. W. B. Groves, B.Sc.) and the name of the firm was changed to R. J. Groves & Son, its present style, and new and larger premises were found in Belfast at 86 Castle Street, and in Dublin at 98 Lower Abbey Street. Then, three years later, the Eire Government imposed cosmetic and toilet duties, Mr. W. B. Groves was transferred to Dublin and manufacturing and packing premises were opened at 64 Lower Camden Street, where Tokalon, Veet, Mentholatum, the W. B. Cartwright, Ltd., and Cupal preparations are packed. Tablet-making and other manufacturing machinery was added. In 1938, unfortunately, Mr. R. J. Groves, L.P.S.I., died after a short and sudden illness.

most of the requirements of the chemist in business. In 1946 the firm was elected a full wholesale member of the Proprietary Articles Trade Association; it has been for some years a member of the Chemists Federation. Four representatives serve North-



Delivery vans familiar to many chemists in Northern Ireland and Eire.

ern Ireland, and the drug department is under the control of a pharmacist. In Eire a similar expansion has taken place. The manufacturing and packing of well-known proprietaries has brought in new clients, and the firm also manufactures and exports to the Mediterranean and East and West Africa large quantities of a speciality, La Cross baby powder.

**"Sound May Replace Soap."**—Two American scientists, who exposed a soiled cloth to supersonic sound waves and had it clean in a few minutes, believe sound may replace soap.—Reuter report.





## JOHN BELL'S TONIC - PHOSPHATES

THE PROVED TONIC WITH THE PLEASANT TASTE

You can confidently recommend John Bell's Tonic Phosphates for restoring jaded appetite, and for dispelling depression and lassitude.

Attractive Display Material on request

Sizes	New Retail Prices (including Pur. Tax)
4 ozs.	3/4
8 ozs.	5/9
16 ozs.	11/3

**JOHN BELL, HILLS & LUCAS, LTD.**  
Oxford Works, Worsley Bridge Rd., London, S.E.26



## RANKIN BROTHERS & SONS

(RANKINS PARTNERS, LTD.)

139 BERMONDSEY STREET, LONDON, S.E.1

for DISPENSING  
**CORKS**

OWNERS OF THE FINEST  
CORK FORESTS IN PORTUGAL

AT YOUR SERVICE  
FOR

PROPRIETARY ARTICLES  
PHARMACEUTICAL PREPS.  
DRUGGISTS' SUNDRIES  
DRESSINGS

**N. & M. GOULD LTD.**

Wholesale Chemists' and Druggists' Sundriesmen  
62, 64, 66, STONEY LANE,  
LONDON, E.C.3

BISHOPSGATE 7734, 5355



## BURROUGH'S ABSOLUTE ALCOHOL

Cale Distillery  
London, S.E.11

## TRAGACANTH

SPECIALISTS IN B.P. POWDER  
SAMPLES AND PRICES ON REQUEST  
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3  
MANsion House 1924 & 6600. Estd. 1826.

## Export Orders

substantially increased by intelligent  
press advertising. We have 40  
years' specialised experience  
of overseas markets,  
particularly in Proprietaries,  
and can offer you valuable  
guidance. Interview by appointment.

STUART HIRST LTD.

15, Bond Street, Leeds, 1

'Phone: 22779. 'Grams: "Consult," Leeds

## TAMPAX

SANITARY PROTECTION

Worn Internally

(DISPENSERS! What of your future? Holders of the certificate of the Apothecaries Hall are invited to communicate with the Hon. Secretary, Medical Services Guild, Mr. B. W. Kirby, M.S.R., 19a Curwen Rd., Shepherd's Bush, W.12. The Medical Services Guild is the section of the CONFEDERATION OF HEALTH SERVICE EMPLOYEES for doctors, dentists, pharmacists, and all medical auxiliaries.

## TRADE MARKS, BRANDS, DESIGNS

Registered in all Countries

Write for particulars

LIMITED COMPANIES REGISTERED

**CATON & SON**

Monument Station Buildings, London, E.C.4

## INFORMATION WANTED

The Editor would appreciate information  
about suppliers of the following items:

Maple Leaf toilet paper  
Streptoloin  
Genaphosphates

# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER—WHOLESALE—MANUFACTURER

circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Empire, British Empire, and foreign countries. Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

VOL. CXLVIII DECEMBER 20, 1947 No. 3539

## A Revised System of Workmen's Compensation

UNDER the recently passed National Insurance (Industrial Injuries) Act, 1946, Workmen's Compensation, as hitherto known, is replaced by a new system of State Insurance.

Under the provisions of former Workmen's Compensation Acts the employer was able to pay compensation to a workman incapacitated by injuries arising "out of and in the course of his employment." The same cardinal basis of liability is preserved under the new Act, i.e., it remains necessary, in order that any of the new "benefits" may be claimed, that the injury shall have been caused by an accident arising out of and in the course of the employment," but, instead of recovering compensation from his employer, an injured workman receives much greater benefits direct from the State. The transfer of liability from employer to the State does not, however, entirely free the employer from the need to protect himself by private insurance. A workman will apparently still enjoy the right of election in appropriate circumstances, and be able to sue his employer for damages for breach of statutory duty (such as, for instance, non-observance of the statutory requirements in relation to factories) or for negligence. Similarly, in the event of a workman's death, his dependants are still entitled, in proper case, to sue the employer for damages under the Fatal Accidents Act.

The new Act introduces some important changes in the principles of compensation

in order to afford workpeople a greater measure of protection. Thus, in certain cases, an injury will be regarded as due to an accident arising "out of and in the course of the employment" and entitling the injured workman to benefit notwithstanding that:—

- (a) The employee was acting at the time in breach of regulations or contrary to orders, or without instructions; or
- (b) The accident may have occurred while the employee was travelling to work in a vehicle provided for that purpose, if he was travelling in it with the express or implied permission of the employer; or
- (c) The employer at the time was taking steps to save life or property on an actual or supposed emergency at the premises.

Another important extension of the law is that in general the benefit of the Act applies to every kind of employment in Great Britain, under any contract of service or apprenticeship, written or verbal, expressed or implied. Employer and employee will have to contribute equally, the amount of contributions varying, however, according to the sex and age of the employee. The rates are: Men over eighteen, 4d.; boys under eighteen, 2½d.; women over eighteen, 2½d., girls under eighteen, 2d. Contributions are payable weekly, and the employer must pay his own contribution and not seek to throw the burden of it directly or indirectly on the employee. The employer is also responsible for payment of the employee's contribution in the first place. He may not recover it by action from employee, except in limited circumstances into which it is not material to enter, and his right of recovery is limited to deduction from the employee's wages. The deduction, moreover, must be made in the week in which the contribution is itself payable.

The benefits to which an injured workman may be entitled are injury, disablement and death benefits, the last-named being payable to the workman's relatives in the event of his death.

INJURY BENEFIT commences after three days from the date of the incapacity, except when the incapacity lasts for at least twelve days. The maximum period is 156



days (Sundays are not taken into account). The rate of benefit is 45s. per week of six days. Upon expiry of the 156 days the workman, if still incapacitated, becomes entitled to **DISABLEMENT BENEFIT**, the amount depending on the degree of incapacity. For maximum disability the benefit is 45s. per week, scaling down proportionately to the extent of the disablement to a minimum of 9s. weekly where there is 20 per cent. disablement. If there is less than 20 per cent. disablement, a sum of up to £150 may be awarded, either as a lump sum or in instalments. Both benefits may be increased if there are children or adult dependants. Injury benefit may also be increased if the injured person has become unemployable, or is in need of constant attendance or approved hospital treatment, or in other cases of special hardship.

**DEATH BENEFIT** is payable to widows, widowers, eldest children and other relatives. Younger children, curiously, get no death benefit (presumably because of the benefits they receive under the Family Allowances Act, 1945). A widow's pension is normally 30s. per week for life; in the event of the widow's remarriage a gratuity of fifty-two times the rate of pension will also be paid. A widower, if permanently incapable of self-support, receives 30s. per week for life. The eldest child receives 7s. 6d. weekly, and other relatives' amounts varying according to their degree of relationship to the deceased workman.

## Mineral Oil Taken Internally

THE wisdom of taking mineral oil "year in and year out" has again been called in question recently—this time in an editorial article in the "Journal of the American Medical Association" (October 25, p. 512). The journal points out that two workers (Curtis and Alexander) have shown, in experiments on animals and human beings, that the ingestion of mineral oil interferes with carotene and vitamin A assimilation. Other workers have demonstrated that, even when taken as a clear oil, liquid paraffin is to a large extent emulsified in the stomach and bowel, and absorbed in this form in proportions comparable with the absorption of olive oil in control experiments. Changes in the

intestinal wall, in the mesenteric lymph nodes, and in the liver, have been observed in animals given mineral oil experimentally as well as in human beings known to have used liquid paraffin regularly. In fifteen out of twenty-five consecutive necropsies on human beings, the lymph nodes revealed the presence of droplets of liquid paraffin. The reminder is of particular importance in Great Britain in view of the known use of liquid paraffin for cooking purposes, which persists despite many previous warnings to the public by the authorities.

## FIFTY YEARS AGO

### British Surgical Instruments

*From the C. & D., December 18, 1897*

THE Colonial Office Report referred to in your issue of September 25, so far as it relates to the Canadian surgical-instrument trade, may be taken, I think, as substantially correct. . . . The report does not show such an alarming decrease in British goods as a disproportionate increase in this class of goods from the other countries mentioned. It is well to bear in mind that surgical instruments are a class of manufactures for which the demand has enormously increased in the past ten years. New designs are constantly produced by all the leading centres of the world, and the demand is naturally for the newest and most approved design. Those manufacturers who are most keenly alive to novelties claim the attention of the dealer and consumer. Note, for instance, the radical change in construction, when almost all woodwork was discarded in operating-instruments, and aseptic principles came to govern the design. This was first principally noticeable at the Paris Exhibition in 1887. How soon the German and American makers appropriated and improved upon the designs, and how tardily the British makers admitted the innovation! I am of opinion more trade was lost to the British makers by this reluctance to obey an urgent demand than during any period of the last twenty years. Events may not have proved that the British makers were wholly wrong by their over-carefulness, a great many of the alterations in construction having been discarded; but the fact remains that the lack of keenness to supply what was unequivocally demanded was one of the prime reasons that lost the British makers their share of the great increase in the trade.

# PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

## "Other Business" at December Council Meeting

an increase in basic branch grants; more prison pharmacists; no change for twelve months in the charge to guests at Birdsgrove House are among items covered by the report upon the December meeting of Council (see also *C. & D.*, December 13, p. 726).

### Obituary

THE PRESIDENT, reporting with regret the death of Mr. J. Uglow Woolcock, F.M.G., C.B.E., who from 1913 until 1918 was registrar and secretary of the Society, described him as a man of great ability, who had left his mark on pharmacy by his organisation of the local associations, and by the part he took in pharmaceutical politics in connection with the National Health Insurance Act. The president also paid tribute to the late Mr. B. W. Melhuish (superintendent of the Society's examinations), and read appreciations of Mr. Melhuish sent in by examiners. The report of the Establishment Committee, presented by MR. GRANVILLE SHAW, recorded with regret the deaths of two pensioners: Mr. Alec Gunn (formerly a member of the staff of the "Pharmaceutical Journal"), and Mrs. Gammon (widow of Mr. J. Gammon, a former night porter).

Letters from several branches, and from individual members, made suggestions for filling a vacancy caused by the resignation of Mr. G. R. Knox Mawer. The appointment is to be made at the next meeting of the Council.

### Local Health Councils

THE SECRETARY reported receipt of a letter from the Glamorganshire County Council inviting the Society to nominate a pharmacist to the local Health Committee as one of several specialist representatives. The suggestion was warmly welcomed, and the hope was expressed that similar action might be taken in other areas generally. The president was left to arrange for the nomination.

### Branch Grants

The chairman of the Organisation Committee (MR. F. G. WELLS) reported that the committee recommended increasing from 2s. to 2s. 6d., as from April 1, 1948, the basic grant to a branch. Every branch would have to submit a balance sheet for consideration by the committee before any grant was approved.

### Benevolent Fund Committee

Speaking upon a recommendation in the report of the Benevolent Fund and War Aid Committee that "The weekly charge for guests [at Birdsgrove House] remain at £1 11s. 6d. for the next twelve months, and that the matter then be reconsidered," MR. H. M. HIRST moved that the matter should be referred back to the Benevolent Fund Committee. The objects of the Fund, he stated, were to provide for the needy and the distressed. He had no objection to anybody who was in need or distress being provided for in the prescribed manner, but it was never thought of by the founders that from £7 10s. to £9 per week should be paid out for the cost of a guest at the home. Even if a person were genuinely needy and distressed, it was difficult to see why his wife should be allowed to go in at the same rate. A proper charge should be made. MR. W. J. TRISTRAM seconded the amendment. He did not agree that it should be treated as a business proposition, but he felt that £1 11s. 6d. was too low.

MR. E. A. BROCKLEHURST (chairman of the Committee) replied that the first recommendation had been that the charge should be increased to £3 3s., but that had been changed largely owing to fresh arguments put forward. It had been felt that, in view of the publicity that was being undertaken in the next few months, it would be unwise to make any change.

DR. B. YOUNG said it would be undesirable to put up the charge from £1 11s. 6d. to £3 3s. because it would keep out the poor while the well-to-do would come in. The amendment to refer the recommendation back to the Benevolent Fund Committee was lost and the motion carried.

### Public Services

The minutes of the Public Services Committee presented by the chairman (MR. F. C. WILSON) recorded that the Prison Commission had approved a substantial increase in the number of pharmacists employed in the prisons; at certain establishments the services of local chemists would be used as compounders in the prisons concerned. In other prisons such officers would continue to be employed. This move in the desired direction of placing the pharmaceutical arrangements of the prison service on a sound basis was welcomed by the committee.





Members of the Eire Pharmaceutical Benevolent Fund dance committee and distinguished guests. Front row left to right, Miss B. Fullam (treasurer), Mr. O. F. C. Bromfield (Editor, *THE CHEMIST AND DRUGGIST*), Mrs. P. A. Brady, Mr. P. A. Brady (president, Pharmaceutical Society of Ireland), Mrs. and Mr. P. C. Redmond (chairman, dance committee). Second row, fourth from left, Mr. M. Costello (president, Irish Drug Association) and Mrs. Costello. Centre (beside Mrs. Costello) Mr. T. C. Scott (vice-president, Pharmaceutical Society of Ireland).

## BENEVOLENT FUND DANCE IN DUBLIN

THE great social event of the year in Irish pharmacy, the dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland, was held in Dublin on December 9 and proved in every way a brilliant success. For weeks before the night, the tickets had been sold out, and when the orchestra opened its programme of dance music, more than 550 people, representative of all sections in pharmaceutical life in Eire, filled the hall. Throughout the night valuable spot prizes were awarded, and at a late stage a Christmas hamper, complete with turkey and ham, was raffled. The draw was presided over by Mrs. P. A. Brady (wife of the president of the Society). In addition to all the modern dances, several Irish figure dances were included in the programme.

### Distinguished Guests

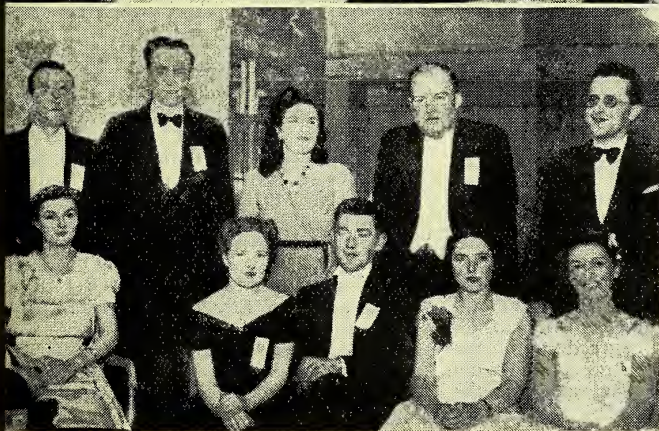
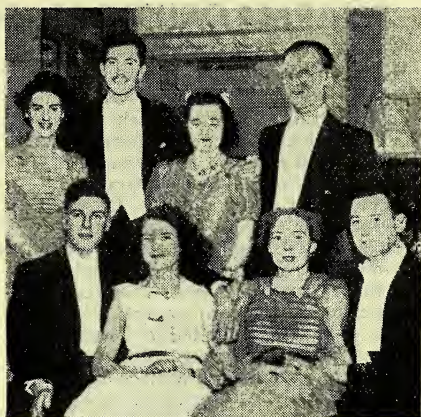
Both the president of the Society (Mr. P. A. Brady) and Mr. Michael Costello (president, Irish Drug Association) came with large parties. Councillors of the Society present with parties included Messrs. T. C. Scott (vice-president), P. C. Cahill, G. C. O'Neill, P. F. McGrath, Peter Fullam, M. Power, N. A. McKane, H. P. Corrigan, and T. B. O'Sullivan. The registrar of the Society (Mr. James G. Col-

man) and Mrs. Colman, and Mr. Brenda R. Smith (secretary, I.D.A.) were also present. The president's party include Mr. O. F. C. Bromfield (Editor, *THE CHEMIST AND DRUGGIST*). Also present, many of them accompanied by parties, were, Mr. and Mrs. S. McCauley, Mr. Percy Harwood, Mr. W. R. Such, Mr. Phil McAuliffe, Mr. and Mrs. J. Smyth, Mr. and Mrs. D. Kenneally, Mr. and Mrs. M. J. Murphy, Mr. Stuart, Mr. B. J. McClusky, Mr. W. Prenderville, Mr. M. O'Shaughnessy, Lieutenant Dowdall, Lieutenant Woods, Mr. J. O'Reilly, Mr. J. Draffin, Mr. Cosgrove, Mr. and Mrs. Healy, Mr. and Mrs. A. Roche, Mr. and Mrs. Lyall G. Smith, Mr. and Mrs. H. G. Smith, and the Misses B. Smyth, P. Fallon, J. Madden, M. Cantwell, M. Coughlan, C. Chute, D. K. O'Sullivan, and J. Murphy. Chairman of the Dance Committee was Mr. Patrick G. Redmond, who came with Mrs. Redmond and a party. The secretaries of the committee were Mr. David Murphy and Miss C. Gaffney, and the treasurers, the Misses B. Fullam and F. Quinn. Other members of the Committee were the Misses M. Lynch and S. O'Keefe, and Messrs. P. A. Brady, T. C. Scott, C. Collis, P. Lalor, P. Leahy, T. Gleeson, A. Dignan and Seamus Fox. Mr. Patrick Lalor acted as M.C.



At midnight supper was served and the interval in the dancing provided the opportunity for members of the various parties to visit one another.

Dancing was kept up with the utmost zest until the early hours of Wednesday morning, when the proceedings were brought to a close with the playing of the Irish national anthem. From the financial aspect (vital from the point of view of the Benevolent Fund) the year's dance was most satisfactory. Those who were unable to be present and have not already subscribed are invited to send donations to help the Committee hand over a handsome sum to the Benevolent Fund. The Benevolent Fund Dance Committee is to be congratulated on organising a most successful evening, socially and financially.



17.10.47

At top: Honorary officers of the Eire Benevolent Fund dance committee. Across page: The president's party at the Dance. Standing on the extreme left is Mr. James G. Coleman (Registrar of the Pharmaceutical Society) with Mrs. Coleman. At foot: A few of the younger generation in Irish pharmacy. Included in the group are Miss Niamh Kennedy, who received the Society's gold medal and licentiate on the morning of the dance, and Miss Peggy Fallon (chairman, Students' Representative Council).



## PHARMACEUTICAL SOCIETY OF IRELAND

A MEETING of the Council of the Pharmaceutical Society of Ireland was held in Dublin on December 9, Mr. P. A. Brady (president) in the chair. Other members of the Council present were Messrs. T. C. Scott (vice-president), C. J. Cremen, G. C. O'Neill, M. Costello, P. F. McGrath, J. A. O'Rourke, H. P. Corrigan, P. C. Cahill, F. X. Meagher, T. B. O'Sullivan, J. K. Whelehan, N. A. P. McKane, B. Sullivan, M. Power, J. P. Kissane, and F. Loughman, T.D. Before calling upon the registrar (Mr. James G. Coleman) to read the minutes the president extended a welcome to the Editor of THE CHEMIST AND DRUGGIST on his first attendance at a meeting of the Council.

### Past-president's Badge

After the minutes, the past-president's badge was presented to Mr. J. K. Whelehan by THE PRESIDENT, who said he hoped the badge would serve as a happy reminder to Mr. Whelehan of the high esteem in which he had been held by all his colleagues during his period as president. MR. WHELEHAN, expressing his thanks, said he had really enjoyed every day of the time he had spent as president.

Mr. M. Tierney, M.A. (president, University College, Dublin) wrote thanking the president and Council for their felicitations on his election as president of the College. Mr. John Gleeson wrote acknowledging the vote of sympathy passed with him on the death of his wife. A letter was read from the secretary of the Federation of Irish Industries on the question of making recommendations about the Industrial Efficiency and Prices Bill, now before the Dail. The letter was noted. Mr. J. J. O'Donoghue (secretary, Irish Local Government Officials Union) wrote on behalf of the Compounders' Branch of the Union to express appreciation of the Council's co-operation in the campaign for improvement in salaries and conditions of service of the compounders of medicine employed by local authorities.

Mr. H. N. Linstead, M.P., wrote on behalf of the Pharmaceutical Society of Great Britain submitting the names of Mrs. J. K. Irvine (president), Mr. C. W. Maplethorpe and himself as representatives on the Committee of Selection for the British Pharmacopœia. The Council agreed with the nominations and the registrar was instructed to communicate their agreement to the General Medical Council.

### Distribution of Veterinary Products

A letter was read from Bayer Product Ltd., London, explaining the company reasons for restricting the sale of the veterinary preparations to veterinary surgeons. The aim of the policy, said the letter, was to prevent lay persons from obtaining such preparations which, on the whole, should be administered to animals only by a veterinary surgeon himself, and under his supervision. The majority of the products were biological and many were scheduled poisons, and their use by lay persons might lead to disastrous results, bringing unmerited discredit to the product. Claims for compensation and litigation might arise involving not only the company but also the pharmacist concerned. Many veterinary surgeons, continued the letter, ordered through a pharmacist and the goods were then sent direct and invoiced to the pharmacist. The company might unwittingly have offended members of the Society by insisting that they must produce veterinary surgeons' prescriptions. Messrs. Bayer had therefore decided not to ask the pharmacist for prescriptions in future. The company believed that pharmacists would endorse the policy of restricting the sale of veterinary preparations to veterinary surgeons provided that, when they were ordered through a pharmacist, they were invoiced through him. The letter concluded by expressing regret for any annoyance caused to members, and appreciation of the cordial co-operation the company had always received from the members of the Pharmaceutical Society of Ireland. The Council, in committee, considered the letter at length before arriving at a decision.

### Preliminary Registrations

The following preliminary registrations were notified: William D. Barry, Catherine J. T. Coyne, Eileen M. Egan, Mary W. Farrelly, Michael P. Hanley, John F. Kelly, Cornelius A. Kiely, Francis V. Ledwith, Gerald N. M. Maguire, Merville A. C. Maxwell, John S. J. Mulrooney, Bernadette O'Donnell, Kathleen M. G. O'Donoghue, Bridget O'Leary, Kathleen C. O'Mahony, Kathleen M. O'Mullane, Patrick J. Ryan, Eileen Scanlan, Ethna M. Sheridan, John R. Sherwood.

The following changes of address were notified: Mr. Thomas Barrett, M.P.S.I., to Standard Drug & Chemical Co., Ballina; Miss I. C. Connolly, M.P.S.I., to Congress

house, Congress Road, Turner's Cross, Ark; Mr. Patrick J. Dalton, M.P.S.I., to Roma Villa, North Strand, Limerick; Miss W. Fullam, M.P.S.I., to 45 Fitzwilliam Square, Dublin; Mr. C. J. Keane, M.P.S.I., to 54 Church Street, Listowel; Mr. A. J. Lyons, M.P.S.I., to Dunshauglin, co. Meath; Mr. W. J. Gill, M.P.S.I., to 71 New Street, Dublin; Mr. R. I. Jones, M.P.S.I., to Orson, Dundrum Road, Dundrum; Mr. Philip Ardle, M.P.S.I., to 178 Rathgar Road, Dublin; Mr. M. P. McCooley, M.P.S.I., to Lower George Street, Dun Laoghaire, Dublin; Mr. Kevin McElwee, M.P.S.I., to 153 Drimmagh Road, Dublin; Mr. Frank Moran, M.P.S.I., to The Medical Hall, 49 Connaught Street, Athlone; Mr. Paul J. Murphy, M.P.S.I., to St. Mary's Hall, Ballina, co. Mayo; Miss Bridget Donovan, M.P.S.I., to The Medical Hall, Appamore, co. Limerick; Mrs. R. A. Shaughnessy, M.P.S.I., to 29 Abbey Street, Ennis; Mr. A. J. Dolan, L.P.S.I., to Main Street, Daingean, co. Offaly; Mr. G. D. McKenna, L.P.S.I., to Juverna, co. Dublin; Mr. Robert J. Nutty, M.P.S.I., to c/o T. Costello & Co., 108 Upper Drumcondra Road, Dublin; Mr. Michael E. Duffy, to 111 Dollymount Park, Dublin. Applications by Mrs. M. V. McDonnell, M.P.S.I. (née Dodd), and Mrs. R. D. O'Mahony, M.P.S.I. (née Sullivan) submitting marriage certificates and requesting change of name in the register were granted.

### Licence Certificates

The licence certificates of the following were signed and sealed: Winifred Hatigan, Michael White, William James Bertram, John M. Kelly, Francis J. Bourke, Evelyn M. McMahon, Kathleen Carty, John S. Stack, Margaret Forde, John J. E. Brien, James B. Connolly, Francis J. Money, Jean Walshe, Francis N. Coloney, Johanna M. O'Gorman, Michael Flynn, Augustine S. Gleeson, Robert J. Magnier, and Anna G. Dorrian. The following were elected members of the Society: Messrs. T. J. Bennett, P. Boyd, J. Cahill, W. J. Gill, W. H. Herlihy, J. Lyons, T. O'Dea, W. E. Thom, P. Pherty, and Miss R. Casey. The following were nominated for membership: Miss C. Connolly, Cork, Michael C. Flynn, Bilmacthomas, Miss M. Forde, Dundalk, P. McCooley, Dun Laoghaire, Mrs. M. McDonnell (née Dodd), Bundoran, P. McMahon, Ranelagh, Dublin, F. M. Coloney, Cork, Miss B. Murphy, Dublin. At question time MR. MEAGHER said

that at the previous meeting Mr. Power had raised the subject of candidates who passed the assistants' examination but did not register afterwards. It had been suggested then that students entering for the assistants' examination should pay the registration fee at the same time as the examination fee. Where candidates failed, however, the arrangement would throw a great deal of additional work on the office staff who would have to return the registration fees. MR. MEAGHER suggested instead that the Council should raise the examination fee and abolish the registration fee. THE REGISTRAR stated that there were fourteen candidates who had been successful in the assistants' examination but who had never registered. In addition there were five licentiates who had not registered; one of them had passed over twelve months previously. MR. POWER said that, as the person who had raised the matter at the previous meeting, he thought Mr. Meagher's suggestion a good one. The new fee could be £5 5s. The assistants and the five qualified chemists should be sent a reminder about registering. It was agreed that notice of motion on the lines suggested by Mr. Meagher should be given for the January meeting.

### Health Act Regulations

In reply to Mr. O'Rourke, THE REGISTRAR stated that he had not yet been able to obtain a copy of the White Paper dealing with the regulations under the Health Act; it was not available at the Government Stationery Office, and the State Pharmacist had been unable to procure a copy for him.

MR. KISSANE raised the question of the distribution of streptomycin and said that the Council of the Society should have been consulted. MR. CAHILL said the present scheme was devised in consultation with the Department of Health, the Wholesale Section, Irish Drug Association and the Medical Research Council. Medical practitioners could not obtain supplies without first giving full details to the Medical Research Council. When the doctor obtained permission to get a supply of streptomycin, he named the chemist through whom he wished to obtain it. In his view it was the president of the Irish Drug Association and not the Council who should be consulted as it was primarily a matter of trade interest.

At a meeting of the Benevolent Fund Committee grants totalling over £100 were passed for payment.



## BOERHAAVE'S PRESCRIPTIONS

By Adest

THE occasional mention of Hermann Boerhaave in "Pharmaceutical Formulas" suggests that the influence of this famous Dutch physician is still traceable in medicine. He was born in 1668 and died in 1738. Most of his career was passed at Leiden University; he graduated there in philosophy, and held several offices, including that of rector. He was the founder of the Leiden botanic garden. During his régime his University became a resort for students from many parts of Europe. A collection of his prescriptions, translated into English, was published in London in 1739 until the title "Boerhaave's Treatise of the Materia Medica, and Forms of Medicines, Adapted to his Aphorisms, on the Knowledge and Cure of Diseases." Each prescription or group of prescriptions has a cross-reference to a section of the Aphorisms (which were first published in 1709). The preface, written by Boerhaave or translated from his original version, gives preference to "the Antients" (i.e., Greek and Latin medical authors) over their Arabic successors and "the Moderns." His own prescriptions, he states, were drawn up for the sole use of his pupils; but he had "the mortification" of finding them published in London by "a learned Gentleman" in a faulty edition. This stricture refers, presumably, to the Latin manual "Praxis Medica Boerhaaveana," issued in 1716; it included by way of appendix Archibald Pitcairne's "Methodus Præscribendi Formulas," a glossary of forms of medicament, with doses. The complaint was justified, for that incomplete collection — which may have been based on a student's notes — has serious errors in weights and measures.

### Systematic Prescribing

A salient feature of this collection is its systematic arrangement. Many diseases have not only prescriptions but also lists of foods and beverages allotted to them. Evidently the author had studied the available literature thoroughly and had selected with discrimination. His use of chemical substances is cautious, indicating a preference for galenicals. "Volatile oily Salt," one of the precursors of our aromatic spirit of ammonia, is a case in point. It is prepared from a quart of a spirit distilled from spirit of wine and twenty vegetable ingredients;  $1\frac{1}{2}$  oz. of ashes of heartsease; and

3 oz. of sal ammoniac. After distilling a pint, six drops of oil of citron bark, six of oil of marjoram and twenty of oil of lavender are added. While I have not noticed any formulas that are unworkable, it is fair to conclude that pharmacy was a secondary consideration in Boerhaave's prescribing. Thus a formula for a purgative drink reads: "Take of the greater Pill Cochiae, two Scruples; Syrup of Solutive Roses, half an Ounce; Elder - flower - water, two Ounces; and mix them up into a Draught." A curious method of preparing an application for inflamed gums is to put rosemary and elder flowers into a linen bag, suspend the bag in milk, and use the cream that rises to the top.

### Typical of the Period

These prescriptions represent the best medical practice of the first years of the eighteenth century. They are classified according to observed results, and are free from such absurdities as human skull and the moss growing on it. But quaint features are not entirely lacking: an example is emplastrum de ranis (frog plaster). Medicated spirits are paralleled by medicated wines and medicated ales. Some of the wines are prepared by boiling the solid ingredients in the menstruum; for making the ales, the leaves or other vegetable ingredients are infused in a barrel of ale when that liquid is "working." In several formulas for poultices it is customary, when linseed is ordered, to incorporate the oil as well as the meal. The number of personal names attached to preparations is perhaps greater than might have been expected. Some, though not all of them, are familiar to students: they include Harvey, Helmont, Lewis, Sennertus, Starkey and the Countess of Kent. The name of Robert Boyle in this connection causes no surprise; but I confess to being unacquainted with his "purgative Moon." An inhalation for quinsy is to be "received hot into the Mouth with a Funnel"; and an "emollient Steam" for the nose is to be inhaled by a method not specified. An application for palsy consists of the "steam" from heated gum-resins received on hot wool. Finally, "proper drinks in Fevers" include small beer. It will be remembered that this was a beverage favoured by Christopher Sly in "The Taming of the Shrew."

## MISCELLANEOUS INQUIRIES

Formulas given below may have been prepared for overseas subscribers and the inclusion of substances therein is no indication that they are available in Britain or, if available, permitted to be used for the purpose.

**A Plant Identified.**—*R.C.H.*—The plant submitted by your customer is apparently *Sedum album*, Linn., a stonecrop of mountain bogs.

**Anti-foaming Agents.**—*R. S.*—Among anti-foaming agents which have been recommended recently are certain alkylene polyamines, in particular diisobutyl ethylenediamine.

**Lotio Terrae Silicatis.**—*N.F.H.*—A preparation of this name devised by Dr. Hallam (formerly consultant to the Sheffield hospitals), consists of equal parts of zinc oxide and fuller's earth mixed with water to about the consistency of calamine lotion, W.F.F. Glycerin may be added if desired.

**Packaging of Shaving Sticks.**—*I.C.L.*—The restriction which limits the packaging of shaving sticks to the proportion of one shaving stick in container to five packed as refills still holds where the material of the container is of glass or metal. The limitation does not apply, however, where the container is of plastic, composition or card.

**Alternative Dog Mixture.**—*H.R.*—An alternative dog mixture may be made to the following formula:—

Balsam of sulphur .....	1 oz.
Sassafras oil .....	1 dr.
Olive oil .....	20 oz.

Average dose: One teaspoonful night and morning.

**Skin Eruption.**—*W.D.C.*—The formula of a dusting powder suitable for use in cases of heat rashes and summer eruptions, and recommended by the program ("Practitioner," July, p. 44) is as follows:

Sodium hexametaphosphate ...	5
Salicylic acid ... ..	2
Zinc oxide .....	2
Talc .....	2
Boric acid ... a.a. p.a. to 100	

**Samples to Australia.**—*R.McN.*—Samples up to 1 sterling in value may be sent to Australia by post without a Board of Trade export licence. Samples over that value, if sent by post, or samples of any value sent by ship, require to be covered by a licence, which may be obtained from the Board of Trade, Export Licensing Department, Stafford House, King William Street, London, W.C.2. Samples are not exempt from Australian import duties.

**Frow Mixture.**—*G.L.*—This preparation is used for the Frow treatment of acarine disease in bees. The mixture is applied between the end of October and March of the following year, and has the following formula:—

Nitrobenzene .....	2
Safrol .....	1
Ligroin (or ordinary petrol) .....	2

owing to the shortage of safrol a modified mixture has been used containing:—

Nitrobenzene .....	6
Methyl salicylate .....	2
Ligroin (or ordinary petrol) .....	5

Highly volatile petrol, or special mixtures, should not be used.

**Thick Calamine Lotion.**—*M.R.*—A formula which prepares a thick calamine lotion is given below:—

Prepared neocalamine (N.F.VIII) .....	150 gm.
Magma of bentonite (N.F.VIII) .....	400 mls
Water .....	to 1000 mls

Dilute the magma of bentonite with an equal volume of water. Thoroughly mix the neocalamine with about one-tenth of the diluted magma of bentonite, and gradually incorporate the remainder of the diluted magma, added in divided portions. Finally, add enough water to make 1,000 mls and shake well.

**Miscible Hair Cream.**—*J.M.*—The following formula is for a water-miscible hair cream:—

Trihydroxyethylamine stearate .....	7
Spermaceti .....	3
Neutral hydrocarbon oil .....	25
Distilled water .....	65
Perfume .....	a sufficiency.

Dissolve the trihydroxyethylamine stearate and spermaceti in the hydrocarbon oil over a water bath. While still warm, run in the water, previously warmed. Stir vigorously until quite homogeneous and cool, working in the perfume as the cream cools.

**Sawdust-cement.**—*W.L.D.*—As a means of using up sawdust, mixing it with cement to form a building material has been tried. Proportions of one part cement to 1-4 of sawdust have been found suitable for certain purposes, though the sawdust has a retarding effect on the setting of the cement—an effect best counteracted by adding lime (about  $\frac{1}{2}$  to  $\frac{1}{3}$  the volume of cement used) to the mix. The resulting material has the properties neither of concrete nor of timber but is useful for (a) surfacing concrete to provide insulation or (b) as a jointless floor surface.

**Walnut Stains on Fingers.**—*H.B.*—To remove walnut stains on fingers and hands they should be treated with a 5 per cent. solution of sodium sulphite. This is allowed to dry on the skin, which is then dabbed with dilute hydrochloric acid prior to washing with a little plain water, using no soap. Care is, of course, needed. An alternative formula for a bleach solution is:—

Chlorinated lime .....	1 lb.
Washing soda .....	1½ lb.
Water .....	1 gall.

Allow to stand for a few days and filter.

**Tobacco Growing in England.**—*P.L.*—Tobacco, in common with other solanaceous plants introduced from America, can be adapted to the climate of England. In fact, a thriving tobacco industry was carried on in Gloucestershire in the 16th century with locally-grown plants, and only the imposition of heavy taxation and, later, more forceful measures, brought it to an end. To grow tobacco in the United Kingdom an excise licence, costing five shillings per annum is required. Duty on the product is at the rate of £2 13s. 1½d. per lb. where 10 per cent. or more of moisture is present and £2 13s. 11½d. per lb. where less is present.



## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

### Comparative Wages in U.S.

SIR,—“The average salary of a qualified man in U.S.A. is £20 per week, while an ‘intern’ (a graduate doing a period of practical experience) earns about £10 15s. per week.” This is an extract from “Notes for Intending Emigrants” (*C. & D.*, December 13, p. 729). But another note, this time in the “Glasgow Herald,” of the same date, may appeal to an even wider circle of intending emigrants. Here it is: “Not so dusty—Dustmen’s wages in New York have just been increased to £19 10s. per week.”

Yours dustily,

ANDREW JOHNSTON, M.P.S.

Motherwell.

### Army Pharmacists

SIR,—Having served as a sergeant in the medical services of the 51st Highland Division since volunteering in May 1940, may I presume upon your space to answer Minesweeper’s letter (*C. & D.*, December 13, p. 733). The Division is mentioned in order to disprove at the outset Minesweeper’s reference to “catch-halfpenny soft-job seekers,” for the battle record of the 51st, and therefore of its individual components, compares favourably with that of any other unit in the Army, Navy or Royal Air Force. To say that lack of a commission induces a “lower-deck complex” is surely an admission of the writer’s inferiority complex—he should not assume that all “non-coms” suffer likewise. A senior N.C.O., in the Army at any rate, is infinitely better off than as a commissioned officer in the Royal Army Medical Corps. Ignoring for a moment the financial aspect, I would point out, from my own observations in a Field Unit, that a commissioned pharmacist, as a “stretcher-bearer officer” or company officer, was a very junior officer indeed—he soon became junior to the youngest M.O. when the latter’s automatic promotion came through. It would be ridiculous for pharmacists, even if they were commissioned as pharmacists, to think their sole duty would be in dispensing—they would have much of the routine work to attend to also. Life in the R.A.M.C. officer’s mess is a “closed shop” so far as pharmacists are concerned. On active service conversation centred, not on the latest addendum to the Pharmacopœia, but on

cases in the operating and surgical wards—a topic that would leave many pharmacists outside. Incidentally, it should be remembered that many serving M.O.’s enjoy a certain income from their practices, consequently high mess bills (not uncommon when an M.O. is serving as messing officer) do not come as such a burden to them as they must do to a pharmacist, who, perforce, must live up to their standards without outside assistance. During my war service (totally free, I may say, from an “lower-deck complex”) I came to know many M.O.s as close friends, and to discover that many of them envied the financial advantages of the sergeants, whatever their own outside incomes. Moreover, a good senior N.C.O. is more important in the efficient running of any unit than a junior officer—it is widely recognised that the sergeants form the backbone of the British Army. From Minesweeper’s letter one may infer that he required a war, plus a commission, to educate him in the social graces required to enable him to mix with professional men. Surely he mixed equally with them before the war! He could easily continue to do so afterwards—as I am doing, in spite of six years’ service as a sergeant—and proud of it!

Yours faithfully,

ANOTHER THREE-STRIPER.

### Economies from Reduced Taxation

SIR,—I hardly think your persistent correspondent S. E. A. can be correct in saying that a reduction of civil servants to half-a-million would save the country £1,000 million a year. But if all the war Ministries were closed down—including the Food Ministry, with the automatic ending of the £400 million food subsidy—together with the abolition of millions of forms which are choking the life out of business men, doctors, farmers, etc., would result in a saving of those dimensions. May I suggest that trade organisations, chambers of commerce, etc., should exact a promise from parliamentary candidates that they will demand the abolition of purchase tax in the first Budget after the next election. Only by its abolition can we get back to normal trading conditions and something like prosperity.

Yours faithfully,

A. E. S.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

### 8 Essex Street, W.C.2, Dec. 17

THE export inquiry for PHARMACEUTICAL and FINE CHEMICALS continues to grow and it is evident that a more competitive market is developing with Continental manufacturers entering the field. Home trade has been rather quiet with little new business transacted. The makers of COCAINE and its salts in face of higher costs of production have been compelled to increase their prices. Higher prices are also asked for PHENOBARBITONE but the rates for BARBITONE are unchanged. NICOTINIC ACID and NICOTINAMIDE are, however, easier.

### Crude Drugs

The markets continue rather quiet with most articles steady. Demand for AGAR has, however, been keen and much of the material afloat has been sold. BALSAM PLU is a firm item with some holders asking 19s. 6d. per lb. CARDAMOMS on the spot were purchased at prices much above current c.i.f. values and as holders are not prepared to accept bids no business is being done. There has been some inquiry for bleached Mangalore cardamoms at current prices would make this material when bleached far above buyers' ideas of value. CASCARA SAGRADA has been in moderate demand at former prices. CINCHONAL is being quoted rather lower in some quarters. Supplies of COLCHICUM DRUMS are low and SEEDS are difficult to get on the spot. GUM ACACIA, Talha, is an easier market. Brazilian MENTHOL is ready on the spot with plentiful supplies at the present time. RHUBARB is attracting more attention with sound root of good structure offering at 6s. to 6s. 6d. per lb. Recent cables from China indicate that higher prices are to be expected as a result of inflation; shippers are now quoting rough-round rhubarb for shipment at 9s. 9d., c.i.f. WAXES are a steady market; there is no improvement in BEESWAX supplies.

### Essential Oils

Few changes have occurred in this section of the markets with only a small trade done. A parcel of CAMPHOR OIL now landing is priced at 3s. 3d. to 3s. 6d., duty paid. With spot supplies of PALMAROSA rather poor merchants are asking 32s. 6d. per lb.; shipment is firmer at 25s., c.i.f. The SYNTHETICS and ISOLATES have been selling well and the market generally is tending easier, with most items in fairly good supply. A list of current prices is given on p. 767 and a further list of other aromatic products will be published in the next Trade Report.

### U.S. Drug and Chemical Report

New York, December 12

PRICE increases were a feature of the fine chemical markets last week. AMMONIUM, POTASSIUM and SODIUM BROMIDES were advanced five cents per lb., making a total rise in the major salts of eight cents per lb. within three months. In 400-lb. barrels, ammonium bromide is now scheduled at 36 cents per lb., potassium bromide, in crystal or granular form, at 33 cents, and granular sodium bromide at 33 cents. Contract prices are to be similarly increased from January 1. Two minor bromides, ZINC and STRONTIUM, have also been advanced, the former now being quoted up to 66 cents per lb. in 1,000-lb. lots, and the latter, up to 62 cents for 150-lb. lots. The single-barrel price of ANTIPYRINE has been advanced 20 cents to \$2.45 and for two or more barrel lots, to \$2.35 per lb.

Although spot MENTHOL prices are about 20 cents below the levels prevailing a week or two ago, it is reported that the article is likely to recover these losses and even advance to \$10 by next February. Offers of Chinese CAMPHOR in 4-oz. tablets at \$1.50 per lb., f.o.b., are considered to be much too high by the trade here. The CRUDE DRUGS market continues generally inactive but CANADA BALSAM has been subjected to a sharp increase of \$7.50 per gall., bringing the new cost to \$32 per gall. SENNA PODS are generally nominal.

A most notable development in ESSENTIAL OILS was the lowering of prices of some Italian products because of the lire export rate adjustment. BERGAMOT was reduced about 35 cents per lb. to \$5.00-5.50 per lb., and some dealers were understood to be offering later delivery material at \$4.60. Italian LEMON OIL has shown no change as yet, but this may follow.

### Pharmaceutical Chemicals

AMIDOPYRINE. — Quotations are fully maintained at from 53s. to 63s. per lb., according to quantity.

ATROPINE. — Home trade prices per oz. are as follows: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s. 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARBITONE. — Base and soluble are available at prices from 44s. 6d. to 46s. per lb.

BENZOCAINE. — Current rates per lb. are 40s. 9d. for 28-lb. lots and 41s. 3d. for 14-lb. lots, other quantities in proportion.

BENZOIC ACID. — Makers' quotations are at from 2s. 7d. to 3s. per lb. for B.P., with technical grade at 2s. 6d. to 2s. 8d. SODIUM BENZOATE is quoted from 2s. 6d. to 2s. 10d.



**COCAINE.**—Makers have advanced their prices owing to higher costs of production. New rates (per oz.), from December 12, are as follows: **ALKALOID**, CITRATE and SALICYLATE, bottles,  $\frac{1}{8}$ -oz., 63s.;  $\frac{1}{4}$ -oz., 59s. 6d.;  $\frac{1}{2}$ -oz., 56s. 6d.; 1-oz., 55s. 6d.; 4-oz., 55s.; 8-oz., 54s. 3d.; 16-oz., 53s. 9d.; tins, 25-oz., 53s. **HYDROCHLORIDE**, NITRATE and SULPHATE, bottles,  $\frac{1}{8}$ -oz., 56s.;  $\frac{1}{4}$ -oz., 52s. 6d.;  $\frac{1}{2}$ -oz., 50s.; 1-oz., 48s. 6d.; 4-oz., 48s.; 8-oz., 47s. 3d.; 16 oz., 46s. 9d.; tins, 25-oz., 46s. The quotations include cost of containers.

**CODEINE.**—Current prices per oz., in the home market, are: **ALKALOID**,  $\frac{1}{2}$  oz. 51s. 9d.; 1 oz., 49s. 3d.; 2 oz., 47s. 9d.; 3 oz., 47s.; 4 oz., 46s. 9d. **HYDROCHLORIDE**,  $\frac{1}{2}$  oz., 46s. 4d.; 1 oz., 44s.; 2 oz., 42s. 6d.; 3 oz., 41s. 9d.; 4 oz., 41s. 6d. **PHOSPHATE**,  $\frac{1}{2}$  oz., 40s. 9d.; 1 oz., 38s. 3d.; 2 oz., 36s. 9d.; 3 oz., 36s.; 4 oz., 35s. 9d. **HYDROBROMIDE** and **IODIDE** as **ALKALOID**; **SULPHATE** as **HYDROCHLORIDE**.

**DIGITALIN.**—Crystals (French Codex) are quoted at 170s. per gm.

**DIGITOXIN.**—Current quotations are in the region of 170s. per gm.

**DITHRANOL**, B.P.—Makers ask 175s. per lb. for this product.

**MERCURY SALTS.**—Makers' prices are as follows: **AMMONIUM CHLORIDE**, B.P., powder, 9s. 5d.; lump, 9s. 3d. **BICHLORIDE**, B.P., powder, 8s. 1d.; lump or granular, 8s. 8d. **MERCUROUS CHLORIDE**, B.P., 9s. 4d. **RED OXIDE**, B.P.C., 10s. **YELLOW OXIDE**, B.P., 10s. 7-lb. lots are 6d. per lb. less than above prices.

**NICOTINIC ACID.**—Lower prices take effect on December 19. The list price is 65s. per lb.; in quantities of 14 lb., 62s. 6d. per lb. **NICOTINAMIDE** is quoted at 140s. per lb.; 14 lb., 132s. 6d.

**PHENOBARBITONE.**—Manufacturers' prices are now 40s. 6d. per lb. for 7-lb. lots and 39s. for 28-lb. lots. The corresponding rates for the sodium salt are 43s. and 41s. 6d. per lb.

**SULPHACETAMIDE.**—BASE and SOLUBLE are priced at 65s. per lb.

**SULPHANILAMIDE.**—Quotations are from 6s. to 7s. per lb., according to quantity and pack.

**SULPHANILIC ACID**, B.P.C. — Current quotations are around 6s. per lb.

**TANNIC ACID.**—B.P. levis, ex ether, is from 10s. 6d. per lb., according to quantity.

**TEREBENE.**—Rates per lb. are as follows: Carboys, 3s. 9d.; 24 Winchester quarts, 3s. 10 $\frac{1}{2}$ d.; 12, 4s. 1 $\frac{1}{2}$ d.

**THYROXINE-SODIUM.**—Makers' prices per gm. are as follows: 1 gm., 50s.; 10 gm., 45s.; 100 gm., 40s.

**THYMOL**, B.P.—In short supply. Quotations are from 18s. to 18s. 9d. per lb.

**VANILLIN.**—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb.

## Crude Drugs

**ALOES.**—Steady. Cape is quoted at 160s. to 165s., spot; shipment, 135s., c.i.f. Curaçao in boxes is available from 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrine, spot, is from 156s. to 190s. per cwt. The market has been quiet.

**ANISE (STAR).**—Steady. Spot quoted from 120s. to 130s. per cwt.; shipment 110s., c.i.f.

**ANTIMONY.**—Current rates are as follows: 99.6 per cent., regulus, £190 per ton delivered; 99 per cent., £180; 70 per cent. crude, £150.

**ARECA NUTS.**—Ceylon is firm at 67s. 6d. per lb., spot.

**ARNICA FLOWERS.**—Spot quotation is 3s. per lb., with few inquiries.

**ASAFETIDA.**—Block on the spot is available from £25 to £28 per cwt.

**BALSAMS.**—*Canada* is quoted at 17s. per lb., spot. *Pará Copaiba*, spot, 8s. per lb. for soluble and 7s. 3d. for insoluble. *Peru* San Salvador, 6s. 6d. to 6s. 9d. per lb. duty paid. *Tolu* is dearer at the other side and spot is firm at 19s. to 19s. 6d. per lb.

**BELLADONNA.**—Herb, B.P., on the spot is quoted at 5s. 6d. per lb. Root (0.51 alkaloids) is offered at 6s. 6d. per lb.

**CARDAMOMS.**—Mangalore: Half-bleached A's, are quoted at 8s. 6d.; B's, 8s.; seeds, 7s. (nominal), spot. Aleppy seeds No. 1 offered at 7s. 9d.; Aleppy greens, 6s. 9d. per lb., spot.

**CLOVES.**—Quiet and steady. Zanzibar quoted at 9 $\frac{1}{2}$ d. to 10d., spot; Penang at 3s. 6d.

**GINGER.**—Jamaica No. 1 is quoted at 115s. per cwt., spot; No. 2, 97s. 6d.; No. 3, 95s. Sierra Leone is available at 67s. 6d. per cwt. The market is steady.

**GUM ACACIA.**—Steady on the spot. Kordofan cleaned sorts, quoted at 72s. 6d. per cwt., London or Liverpool; shipment, 67s. 6d., c.i.f. Bleached No. 1, 145s., ex store. Talha, 41s. per cwt., spot; 38s., c.i.f.; this article is easier.

**HONEY.**—Agreed rates per cwt. for Australian or Jamaican honey, for manufacturing purposes, are as follows: In original packings (56-60 lb. tins for Australian or 3 $\frac{1}{2}$ -cwt. barrels for Jamaican), for quantities of 10 cwt. or more, 96s.; less than 10 cwt., 105s., net, carriage paid. Refined repacked honey is available at the following rates per cwt.: In 7-14-lb. tins, 145s.; 28-lb. tins, 130s.; 56-lb. tins, 120s., carriage paid, subject to wholesale discount of 8 $\frac{1}{2}$  per cent.

**MENTHOL.**—Brazilian is quoted at 48s. 6d. to 50s., duty paid; Chinese is offering at about 60s. per lb., spot.

**NUTMEGS.**—West Indian 80's are quoted at 3s. 3d. per lb.; sound unassorted, 2s. 6d.; wormy and broken, 1s. 10d. East Indian 80's, 4s., spot, quoted.

**NUX VOMICA.**—Madras is steady at 40s. 42s. 6d. per cwt. Mangalore, 40s.; Mchin, 42s. 6d. to 45s., spot, as to seller.

**OLIBANUM.**—Fair to good drop is quoted from 200s. to 220s. per cwt.; pea size, 20s.; good garblings, 180s.; seeds, 175s.; offings, 105s.

**ORANGE PEEL.**—Spot; Spanish quarters are offered at 1s. 3d. to 1s. 6d. per lb.; sweet ribbon is quoted at 1s. 9d.; bitter ribbon, 1s. 3d. in Liverpool.

**ORRIS.**—Florentine, spot, 185s. to 195s. per cwt., according to quality; Verona is quoted at 75s., spot.

**PAPAIN.**—East African on the spot is quoted at 31s. to 32s. 6d. per lb., according to holder.

**PIMENTO.**—Spot, 1s. 2½d. per lb.; afloat, 19s. per cwt., c.i.f.

**PSYLLIUM SEED.**—French black is offered at 2s. 3d. per lb., duty paid.

**QUASSIA.**—Chips, on the spot, are offered at 40s. per cwt.

**QUILLAI.**—Natural bark is quoted at prices from 105s. to 115s. per cwt., spot; cut, for future delivery, 135s. per cwt.

**QUINCE SEEDS.**—Cape, on the spot, is quoted at 5s. 9d. to 6s. per lb.

**RHATANY.**—Spot steady at 11d. per lb.

**RHUBARB.**—Spot, Chinese rough-round is quoted from 5s. to 6s. 6d. per lb. for fair to good fracture root; wormy is available at 5s. 6d.; French raphantica, 1s. 9d. per lb.

**SANDARAC.**—Spot, 6s. per lb., quoted.

**SARSAPARILLA.**—Jamaican native red on the spot, at 2s. 6d. per lb.; 2s. 3d., c.i.f.

**SENEGA.**—Firm on the spot at 12s. to 2s. 6d. per lb.; shipment, 11s. 6d. to 1s. 9d., c.i.f.

**SHELLAC.**—Steady. Spot quotations, ex warehouse London, are as follows: F.O.T.N., pure, 305s.; Standard No. 1, 315s.; fine orange, 325s. to 390s. per cwt.

**SQUILL.**—Italian white is quoted at 65s. per cwt., spot; Italian red, 84s., spot.

**STRAMONIUM.**—Hungarian, on the spot, is offered at 115s. per cwt.

**STYRAX.**—Nominal value, 5s. per lb., spot.

**TAMARINDS.**—Barbadoes is quoted at 62s. 6d. per cwt., duty paid.

**TONKA BEANS.**—Frosted Pará is quoted at 5s. per lb., spot.

**TRAGACANTH.**—Selected white ribbon is quoted at prices from £128 to £130 per cwt.; other white grades, from £65 to £110. Pale leaf is quoted at £36 to £56; amber, from £26 to £36; red, £13 to £18; hogg, £7 to £11 per cwt.

**TURMERIC.**—Madras finger is firm at 110s. per cwt., spot Liverpool or London; to arrive, 105s., c.i.f., sellers.

**UVÆ URSI.**—A parcel is offering at 1s. 1d. per lb., spot.

## Synthetics and Isolates

DEMAND for aromatic chemical products continues to grow. Supplies of the more important perfumery items have improved and the market has weakened to some extent; several, however, such as anethole, are still in difficult supply and prices are fully maintained. Quotations given below are per lb. and vary according to quantity, grade and seller.

**ACETOPHENONE.**—10s. 6d. **AMYL ACETATE.**—2s. 9d. **AMYL BENZOATE.**—5s. 6d. to 6s. 6d. **AMYL BUTYRATE.**—7s. 6d. to 8s.; small supplies available. **AMYL PHENYLACETATE.**—7s. 6d. to 12s. 6d. **AMYL SALICYLATE.**—3s. 6d. to 4s. 6d. **AMYL CINNAMIC ALDEHYDE.**—25s. **ANETHOLE.**—13s. to 14s. **ANISIC ALCOHOL.**—55s. to 65s. **ANISIC ALDEHYDE.**—ex paracresol, 25s.; ex anethole, 35s.; perfumers', 29s. to 30s.

**BENZALDEHYDE.**—4s. 9d. to 5s. 6d. **BENZOPHENONE.**—12s. 6d. to 13s. 6d. **BENZYL ALCOHOL.**—3s. 6d. to 5s. 6d.; readily available. **BENZYL ACETATE.**—3s. 6d. to 5s. 6d.; readily available. **BENZYL BENZOATE.**—Perfumers', 5s. to 6s. **BENZYL CINNAMATE.**—12s. 6d. **BENZYL ISOEUGENOL.**—35s. **BENZYL PROPIONATE.**—7s. 6d. to 15s. **BENZYL SALICYLATE.**—7s. 6d. to 9s. **BENZYL SUCCINATE.**—20s. to 22s. 6d. **BENZYLIDENE ACETONE.**—16s. to 17s. 6d. **BORNEOL.**—10s. 6d.; very short. **BORNYL ACETATE.**—10s. to 12s. 6d. **BROMSTYROL.**—32s. 6d. to 35s. **BUTYRIC ACID.**—8s.; still very short.

**CINNAMIC ALCOHOL.**—17s. 6d. to 18s. 6d.; supplies adequate. **CINNAMIC ALDEHYDE.**—7s. 6d. to 8s.; freely available. **CINNAMYL ACETATE.**—24s. 6d. **CINNAMYL BUTYRATE.**—25s. **CITRAL.**—15s. to 34s., according to quality. **Plentiful.** **CITRONELLAL.**—50s. **CITRONELLOL.**—Ex Ceylon, 30s. to 32s. 6d., plentiful; ex Java, 50s., in fair supply. **COUMARIN.**—From makers, 19s. to 20s.

**DIETHYL PHTHALATE.**—2s. to 2s. 6d. **DIMETHYL BENZYL CARBINOL.**—50s. **DIMETHYL HYDROQUINONE.**—40s. **DIPHENYL METHANE.**—6s. 6d. to 7s.; demands met. **DIPHENYL OXIDE.**—5s. 6d.

**ETHYL BENZOATE.**—5s. 6d. to 6s. 6d. **ETHYL BUTYRATE.**—8s. to 9s.; still in limited supply. **ETHYL CINNAMATE.**—12s. 6d. to 14s. **ETHYL OENANTHATE.**—42s. 6d. **ETHYL PHENYLACETATE.**—7s. 6d. to 8s. **ETHYL SALICYLATE.**—5s. to 6s. **EUCALYPTOL.**—11s. 6d. to 13s. **EUGENOL.**—13s. 6d. to 16s.; demands can be met.

**GERANIOL.**—Ex Ceylon, 25s. to 27s. 6d.; plentiful; ex Java, 30s. to 32s. 6d.; in fair supply. **GERANYL ACETATE.**—Ex Java, 38s. 6d. to 40s.

**HELIOTROPINE.**—22s. 6d.; supplies becoming shorter. **HYDROXYCITRONELLAL.**—65s. to 80s.; plentiful.

**INDOL** (per oz.).—20s. **IONONES** (100 per cent.).—35s. to 37s. 6d. **ISOBUTYL BENZOATE.**—6s. to 8s. 6d. **ISOBUTYL ACETATE.**—2s. 9d. to 3s. 6d.



## TRADE MARKS

(From "The Trade Marks Journal," November 26)

- "CALMIC"; for chemical products used in industry (1). By Calmic, Ltd., Lostock Grange, Westhoughton, Lancs. 650,031 (Associated).
- "EKTACHROME"; for photographic chemicals and photographic sensitised materials (1). By Kodak, Ltd., Kodak House, Kingsway, London, W.C.2. 652,915.
- "HELENA RUBINSTEIN" in distinctive lettering; for perfumes, toilet preparations (not medicated), cosmetics, soaps, and toilet articles included in this Class (3); for medicated creams for the treatment of the skin (5). By Helena Rubinstein, Ltd., 48 Hays Mews, London, W.1. B636,426-27 (Associated).
- "QUISMAL" and device of star; for toilet preparations (not medicated), toilet articles included in this Class, perfumes, perfumed soaps, and hair and teeth preparations (3). By Quismal, 44 Highgate Hill, London, N.19. 647,606.
- "SILVER CLOUD" and device of cloud; for toilet preparations (not medicated), cosmetics, soap, perfumes; essential oils, hair lotion and dentifrices (3). By Charles Bernard Wood, 294 Parade Buildings, Long Lane, Blackheath, Birmingham. 649,251.
- "TO-NITE"; for non-medicated toilet preparations, cosmetics, perfumes, perfumed soap, hair lotions and shampoos, and essential oils (3). By Novelty Sales, 28 South Drive, Fulwood, Preston. B650,799.
- "GRENOVILLE" and circle device; for soaps, perfumes, essential oils, cosmetics (other than toilet preparations), hair lotions and dentifrices (3). By Société Anonyme Grenoville, 110 Avenue Péreire, Asnières, France. 650,853.
- "KILKOF"; for medicated preparations for the treatment of asthma, and similar diseases of the chest, for sale in specified counties (5). By Parkinsons, Ltd., Curzon Street Drug Mill, Curzon Street, Burnley, Lancs. 647,957 (Associated).
- "RECTOQUINTYL"; for pharmaceutical preparations for rectal administration (1). By Angelo Mariani, 10 Rue de Chartres, Neuilly-sur-Seine, France. B648,870.
- "MINTAGESTA"; for pharmaceutical products containing mint (5). By Affined Basic Chemicals, Ltd., Helena Chambers, 42 The Broadway, Ealing, London, W.5. 649,032.
- "PENOLISAN" "PENOLOMIN"; for pharmaceutical preparations for human and veterinary use (5). By Allied Laboratories, Ltd., 140 Park Lane, London, W.1. 649,075 and 649,186 (Associated).
- "PURO" on label design including device of lilies; for carbolic powder for sale in England except in the Counties of Lancs, Yorks, Westmorland, Durham, Cumberland and Northumberland (5). By E. Parsons & Sons, Blackfriars Paint Works, St. James', Bristol, 1. B637,717.
- "DEKIL"; for insecticides (5). By The Dee Oil Co., Ltd., Delta Works, Irlam Road, Bootle, Liverpool. 645,940.
- "JELEDA"; for all goods (3); for medicated toilet jelly (5). By Leda Chemicals, Ltd., Alpha Works, 94 Archway Road, London, N.19. 650,973-74 (Associated).
- "TUX-EDO"; for non-medicated toilet preparation cosmetics, perfumes, perfumed soap and toilet preparations for the teeth and hair (3). By E. Cosmétique, 306 Stretford Road, Manchester 1. B650,970.
- "TRISCO"; for pharmaceutical preparations for internal use (5). By New Products Research Development Co., 116 Buckingham Avenue Trading Estate, Slough, Bucks. 650,721.
- "STOMALUMINE"; for pharmaceutical preparation and substances (5). By Joseph Laver, 10 Rue Benouville, Paris, France. 651,796.
- "AMPHOSDAL"; for all goods (5). By The Wellcome Foundation, Ltd., 183-93 Euston Road, London, N.W.1. 652,421.
- "HYGROTON"; for pharmaceutical preparations for human and veterinary use, sanitary substances, medical and surgical plasters, material prepared for bandaging; disinfectants and antiseptics (5). By J. R. Geigy Aktien-Gesellschaft, 215 Schwarzwaldallee, Basle, 16, Switzerland. 652,522.
- "CORVEMUS"; for pharmaceutical substances for human and veterinary use, infants' and invalids foods (5). By Gladys Suie Harris, Red Roof Horne, nr. Horley, Surrey. 652,553.
- "ZODAS"; for medicated tablets for the treatment of headaches (5). By Vermex Chemical Co. Ltd., 20 Queen Street, Blackpool, Lancs. 652,630.
- "IROQUIN"; for all goods (5). By May & Baker Ltd., Dagenham, Essex. 653,075.
- "POTTER'S ASTHMA POWDER" on label design including device of winged lion (in use in relation to goods other than powder the mark will be varied by the substitution of the name of such goods for the word "Powder"); for medicated preparations for the treatment of asthma and other diseases and disorders of the respiratory apparatus (5). By Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E.1. 652,653 (Associated).
- "CRO-PAX"; for all goods (10). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 651,486.
- "LEGASTAT"; for photographic prints (16). By Legastat, 27 Ebury Street, London, S.W.1. 652,813.
- "EMPEX"; for impregnated cleansing material for the hands (21). By Max Pieterkowski, 57 Vincent Court, Bell Lane, London, N.W.4. 652,616.

## COMING EVENTS

Monday, December 29

COMMERCIAL TRAVELLERS' BENEVOLENT INSTITUTION, 4B Frederick's Place, Old Jewry, London, E.C.2, at 12 noon. Annual court of governors.

THE SOUTH-WEST LONDON CHEMISTS' ASSOCIATION is holding a New Year party at the Ardington Rooms, Clapham Junction, London, S.W.11. 5.45-10.45 p.m., on Wednesday, January 7, 1948. Tickets price 15s. 6d. each (including refreshments) may be obtained from any member of the committee. Dress optional.

The board of management of the ROYAL COMMERCIAL TRAVELLERS' SCHOOLS is holding a buffet reception at Grosvenor House, Park Lane, London, W.1, on Friday, January 30, 1946, at 7 p.m. The festival dinner previously arranged has been cancelled.

**HOWARDS'**  
**QUININE**  
**is again available**



**HOWARDS & SONS LIMITED, (EST. 1797)**  
**ILFORD, LONDON**



ALL BRITISH PRODUCTS

Nipa ESTERS

ALWAYS RELIABLE



A group of white, odourless,  
neutral, non-irritating,  
harmless preservatives and  
antiseptics (parahydroxy-  
benzoates) for use in  
pharmaceutical, medicinal  
and cosmetic products.

**Nipagin M**

(METHYL Compd. B.P.C.)

**Nipabutyl**

(BUTYL Compd.)

**Nipagin A**

(ETHYL Compd. B.P.C.)

**Nipabenzyl**

(BENZYL Compd. B.P.C.)

**Nipasol M**

(PROPYL Compd. B.P.C.)

**Nipasept**

(ESTER COMBINATION)

AVAILABLE IN BOTH PURIFIED,  
STANDARDISED AND TECHNICAL GRADES  
AND AS SODIUM COMPOUNDS

Consult the Nipa Laboratories  
Service Department regarding your  
manufacturing problems and re-  
quirements for Preservatives,  
Antiseptics and Antioxidants.

Manufacturers:

**NIPA LABORATORIES, LIMITED**  
Treforest Trading Estate, near  
CARDIFF. Tel.: Taffs Well 128



Sole distributors for the United Kingdom:

**P. SAMUELSON & COMPANY**  
Africa House, 44/46 Leadenhall  
Street, LONDON, E.C.3.

Tel. Royal 2117/8

RELY UPON

**Graesser**  
QUALITY  
ALWAYS

**PHENOL**

**ORTHOCRESOL**

**CRESYLIC ACIDS**

**META-PARA CRESOL**

**XYLENOL MIXTURES**

All prepared and standard-  
ised under direct personal  
control

**R. GRAESSER LTD.**

The Chemical Works, Sandycroft, nr. Chester

**LENNONS**

The Leading Chemists in  
**South Africa**  
and **Rhodesia**



Established in all important centres for many years.

Wholesale and Retail Chemists & Druggists.  
Modernly equipped for Manufacturing and  
Marketing.

★ If you are seeking reputable Representatives  
or desire information, write to:—

**LENNON LIMITED**

Head Office: P.O. BOX 8389  
JOHANNESBURG, SOUTH AFRICA.

or London Agents:—

**CAMPBELL BROS., CARTER & CO., LTD.,**

("L" Dept.), Stafford House, (4th Floor),  
14/20, King William Street, London, E.C.4

Telephone: MANsion House 0761



# CHEMICALS & DRUGS

PHARMACEUTICAL & TECHNICAL

# ESSENTIAL OILS

FLORAL AND FANCY BOUQUETS FOR  
POWDERS • CREAMS • COSMETICS

#### MEDICAL PROPRIETARIES

**KADAMYSIN.** Universally prescribed by physicians for Bronchial Asthma. One injection effective in 60 to 90 Seconds. Boxes of 10 x 1 c.c. AMPOULES.

**DEGALAN.** The 'different' remedy for Hemorrhoids ensures relief from pain, checks bleeding, reduces inflammation. SUPPOSITORIES : in boxes of 10. OINTMENT : in tubes with Rectal pipe.

# CHAS. ZIMMERMANN

& COMPANY LIMITED

9 & 10 ST. MARY-AT-HILL, LONDON, E.C.3

Telephone :  
MANSION HOUSE 6005  
(Four lines)

Telegrams :  
"ACIDOLAN, BILGATE,  
LONDON"







REGD. TRADE MARK

# FINE CHEMICALS AND PHARMACEUTICALS

Made by  
**PHARMACEUTICAL LABORATORIES GEIGY LTD.**  
National Buildings, Parsonage,  
**MANCHESTER, 3**

Estab. 1890

**BROWN & FORTH, LTD.**

Clifton House, Euston Rd., London, N.W.1  
118 Chorlton Road, Manchester, 15  
Also at New York and Brussels

**CHEMICALS**

CAROB GUM  
POWDERED GUM ACACIA

**HYDRAGUM (EDIBLE)**

SOLVENTS  
POWDERED GUM KARAYA

**WAXES**

BLEACHED BEESWAX  
REFINED YELLOW BEESWAX

**COLOURS**

FOR FOODSTUFFS, COSMETICS, ETC.

Pure White

**TIN OXIDE**

(STANNIC)

Pure Powdered

**TIN METAL**

for medicinal purposes

Manufactured by:—

**KEELING & WALKER, LTD.**  
**STOKE-ON-TRENT**

Telephone: Stoke-on-Trent 4136/7

**A. R. PARKINSON**

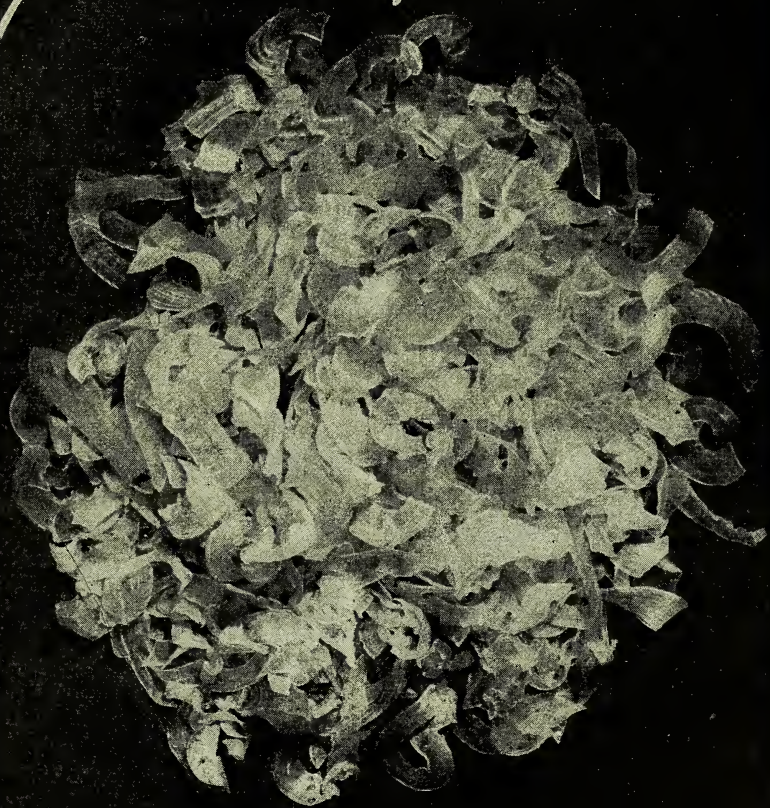
11 BENTINCK STREET, LONDON, W.1

DRUGS, PHARMACEUTICAL  
CHEMICALS, ETC.

ASPIRIN B.P. NEEDLE CRYSTALS  
IN STOCK - 1 cwt. KEGS

Telephone - WELBECK 2186  
Telegrams - ARPRA, WESDO, LONDON

# Gum Tragacanth



**N. S. DANGOOR LTD.**

*Suppliers to the Industry*

PROVINCIAL HOUSE, 98-106, CANNON STREET, LONDON, E.C.4.





Since 1913, when the Mysore Department of Industries was instituted, the industrial development of Mysore has gone steadily ahead. Plans in hand to develop still further Mysore's vast resources will continue the record of progress that has been earned for Mysore its proud title of "The model state of India." One of the most famous of its many products is sandalwood oil. Made in the Government sandalwood oil factory under strict supervision during every process guarantees a standard of purity and quality that is unequalled.

# MYSORE

## SANDALWOOD OIL

*For further information apply to*

**TRADE COMMISSIONER FOR MYSORE**  
Grand Buildings, Trafalgar Square, London, W.C.2

**W. H. JONES & CO. (London) Ltd.**  
BUYERS, CONFIRMERS & SHIPPERS  
BARNET, HERTS., ENG.

**ORDERS WITH LICENCE NOS. INVITED**  
& YOUR BANK'S NAME



(PERCENTA LTD.) Tel: Hop 0516 (6 lines)  
Percenta House, 130/2 Tooley Street, London, S.E.1

Containers of Metals,  
Glass, Aluminium  
and Plastics

# FRANCO-BRITISH ELECTRICAL CO. LTD.

*For Ampoules & Vials.* **FIRTH STREET GLASSWORKS  
LEEDS 9**

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)  
**ALL QUALITIES**

**THE BRITISH DYEWOOD COMPANY LTD.**  
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone CENTRAL 4425

Telegrams DYEWOOD

# JARVIE

## Quinine

— IS A PRODUCT OF CAREFUL  
RESEARCH AND SCIENTIFIC  
METHODS. JARVIE'S WHO WERE  
ESTABLISHED IN 1892, HAVE EVER  
SINCE PIONEERED THE DEVELOP-  
MENT OF QUININE EXTRACTION

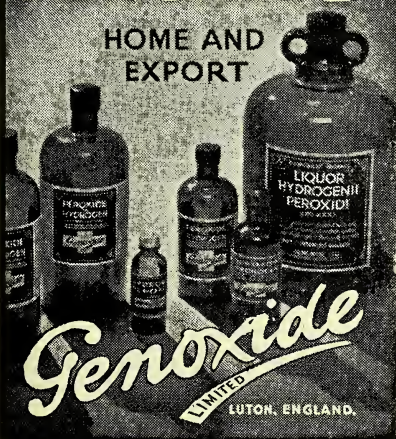
**JARVIE & CO. LTD.**  
SCOTIA CHEMICAL WORKS  
BOATBRIDGE • SCOTLAND

EXPORT ENQUIRIES TO EXPORT DEPT.  
10 PORTMAN STREET, LONDON, W.1



## BOTTLED HYDROGEN PEROXIDE

HOME AND  
EXPORT



LUTON, ENGLAND.

## GRAESSER SALICYLATES LIMITED Manufacturers of Fine Chemicals SANDYCROFT CHESTER, ENGLAND

**PHENYL SALICYLATE  
B.P.C.**

**(SALOL)**

Available in the form of  
Crystalline Powder for which  
we invite your enquiries



**"Eagle" Brand Chemicals****B.P.  
PRECIPITATED  
SULPHUR****PHOTOGRAPHIC  
HYPO  
AND  
SULPHITE**  
— CRYSTALS and ANHYDROUS —**EPSOM SALTS  
GLAUBER SALTS  
ARSENATE OF LEAD***Enquiries Invited***JOHN RILEY & SONS, LTD***Chemical Manufacturers***HAPTON near BURNLEY***Telegrams*  
**"Rileys Hapton"***Telephone*  
**Padiham 290/1****JKL****ANISEED****ALOE****ARECA NUTS****BALSAMS****FENUGREEK****JUNIPER BERRIES****LIQUORICE ROOT****LIQUORICE Juice, Sticks & Blocks****ORANGE PEEL CURACAO****SENEGA ROOT****and all other Botanicals****JOHN KELLYS (LONDON) LTD.****24 OLD BROAD STREET, LONDON, E.C.2.***Telephone: LONDON Wall 4882, 6585, 6586**Telegrams: "Ergotine, Stock, London."***PHARMACEUTICAL  
AND  
FINE CHEMICALS****CYCLOBARBITONE****CALCIUM CYCLOBARBITONE****BROMISOVALERYLUREA****VALERIANATES****SUCCINIC ANHYDRIDE****BENZYL SUCCINATE****dl-VALINE, etc.****CHEMI-SYNTHETICS LTD.****7-9 ST. JAMES'S STREET,****LONDON, S.W.1***Telephone: WHI. 0484***WORKS: SAUNDERSNESS ROAD, E.14****GUM TRAGACANTH****GUM KARAYA****WHOLE AND POWDERED****M. HAMBURGER & SONS**  
**DIRECT IMPORTERS****Ceylon House**  
**EASTCHEAP, LONDON, E.C.3**  
*Telephone: Mansion House 4139**for* **INDIAN BOTANICALS,  
CRUDE DRUGS,  
FOREST PRODUCTS, GUMS,  
MEDICINAL PLANTS, SEEDS  
SPICES, ETC. to****B.P., U.S.P., B.P.C. & N.F. Standards****Export Enquiries to :****THE INDIGENOUS  
MANUFACTURES & PRODUCE (Sales) CO**  
**160 Govindappa Naick Street, Madras**  
**Cables: Dandelions**

## The Latest Triumph In OINTMENT MILLS *Super Speedy Mill*

IN REGULAR USE ALL OVER THE WORLD

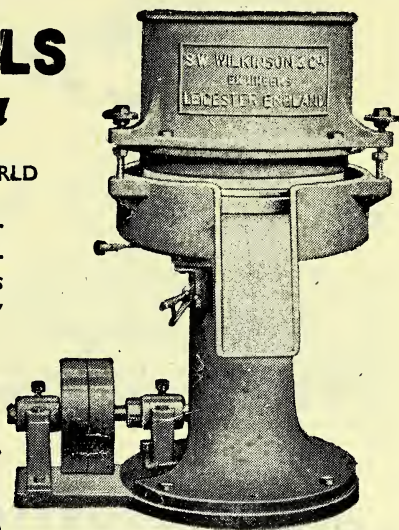
**THIS** Machine is a combined Mixer and Grinder and is used very successfully in the production of all kinds of Ointments, Tooth Pastes, Beauty Creams, Patent Foods, etc.

*Each Machine incorporates Thirty Years' Accumulated Experience*

**S. W. WILKINSON & CO.**

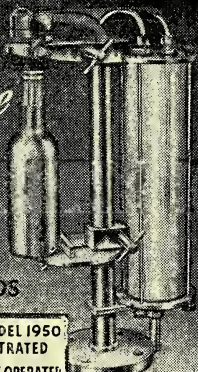
*Chemical Engineers and Specialists in  
Pharmaceutical Machinery*

**WESTERN ROAD - LEICESTER**



*The  
EKEM  
Filling  
Machine  
for*

LOTIONS  
EMULSIONS  
OILS  
FROTHING LIQUIDS



LATEST MODEL 1950  
AS ILLUSTRATED  
EFFICIENTLY OPERATED  
BY UNSKILLED LABOUR  
AVAILABLE FOR EARLY  
DELIVERY

FULL DETAILS  
ON REQUEST



SELLING AGENTS

**BUSBY, WINTER & CO LTD**

KEM WORKS, 9-11 ANDOVER PLACE, LONDON, NW6.

TEL: MAIDA VALE 2867. CABLES: EKEMFIL, LONDON.

# MITCHELL

## RAPID MIXING and STIRRING UNITS

can be obtained in a wide range of sizes from small Laboratory models of  $\frac{1}{10}$ th or  $\frac{1}{8}$  H.P. up to those of 10 H.P. capable of handling mixing on a large scale. Portable or fixed models give flexibility of planning.



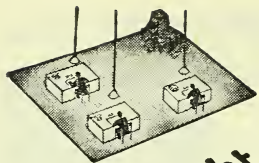
Our expert specialised experience of mixing is at your command

**L. A. MITCHELL LIMITED**  
17 PETER STREET, MANCHESTER 2

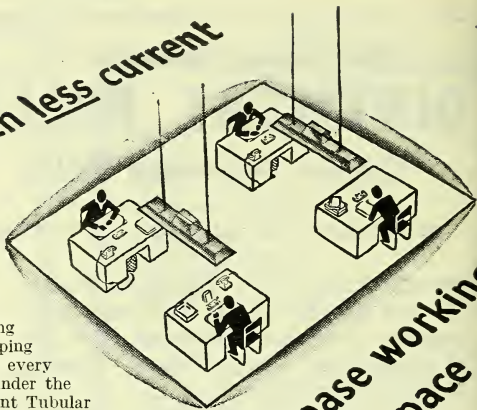
mx.8

Telephone: BLAckfriars 7224 (3 lines).





plan more light with less current



and increase working  
floor space

Inefficient, old-fashioned methods of lighting encourage ill-lit odd corners to become dumping grounds for everyone's odds and ends. But every inch of valuable floor space can be used under the brilliant glare-free light of Sieray Fluorescent Tubular lamps. They save current too. The 5 ft. lamp uses only 80 watts, the 4 ft. lamp only 40 watts — yet they give FOUR and FIVE times more light than ordinary filament lamps of comparable wattage.

Plan for better lighting now — Siemens lighting engineers are at your service — without obligation.



## FLUORESCENT LAMPS

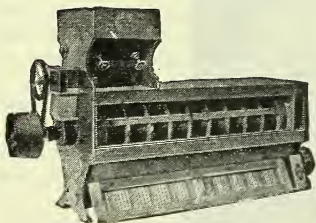
*"The Yardstick of Good Lighting"*



SIEMENS ELECTRIC LAMPS & SUPPLIES LTD., 38/39, Upper Thames Street, London, E.C.4

**USED SUCCESSFULLY  
ALL OVER THE WORLD**

For FINEST POWDERS  
at LOWEST COST



All enquiries to  
Wm. GARDNER & Sons  
(Gloucester) Etd.  
Bristol Road  
GLOUCESTER, Eng.  
Telephone:  
Gloucester 2288  
(3 lines)

**GARDNER'S**  
*Patent 'QUICK-CHANGE'*  
*Fine*  
**POWDER DRESSER**

**CORKS!  
STOPPERS, ETC.**

C. OLLEY & SONS LTD  
CAMPERDOWN STREET  
LONDON, E.1  
EST. 1844

**TABLET  
TUBES**

HOME & EXPORT BUYERS SUPPLIES

ENQUIRIES TO  
**GLASS CONTAINER CO**  
21 HAYES LANE · KENLEY · SURREY  
Telephone: UPLANDS 8119  
Works: 25-27 MERSEY STREET · LIVERPOOL

## Bottles & Jars

For disposal. Approx. 100 gross each of the following items, all new:—

5oz.	Amber Peroxide ...	28/-	gross
5oz.	" "	48/-	"
5oz.	Olive Oil ...	66/-	"
5oz.	" "	55/-	"
2oz.	Miniature Wine ...	21/-	"
2oz.	Blue Castor Oil ...	21/-	"
4oz.	" "	22/6	"
4oz.	N/M Winchester ...	31/6	"
2oz.	Kali ...	24/-	"
1oz.	Vials Screw Cap ...	21/-	"
2oz.	Squat Jars ...	36/-	"
4oz.	Haircream ...	54/-	"
1oz.	White Cream Jars ...	36/-	"
4oz.	Squat Cream Jars ...	36/-	"
4oz.	Amber Jars ...	50/-	"
5oz.	Pickle Jars ...	30/-	"
4oz.	Barley Jars ...	36/-	"
1lb.	Honey Jars ...	48/-	"
1lb.	" "	54/-	"
2oz.	Square Toilet ...	48/-	"
1oz.	Tablet ...	13/6	"
	Rouge Tins ...	10/-	"
	ment Tins, Zinc, Boric ...	10/-	"
	1000 gross 14mm. Bake. Caps ...	5/-	"

All prices include screw caps where applicable.

PPLY:—

**. H. DALE & Son Ltd.**

ROADWAY . PLAISTOW . E.13

## 7 o'clock and all's well



with those who buy



and those who sell

More turnover means more profit for you. Customers satisfied with the smooth service they get from '7 o'clock' blades, keep on coming back for more. Stock and push '7 o'clock'—the quality blade at a popular price.

## 7 o'clock

BLADES



RETAIL PRICE

**2<sup>d</sup>** including  
purchase tax

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Road, Isleworth, Middx.

**Foremost**  
AMONG D.D.T.  
**INSECTICIDES**

*- it's a*  
**SAN MEX**  
**PRODUCT**

LIQUID INSECTICIDE

DO NOT LET SPIN  
CONTACT WITH  
EYES OR CONCENTRATED

THE BRISTOL PRODUCTS  
LTD. LONDON, W.1

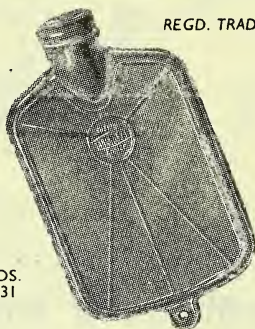
**PURE, EFFECTIVE.**

● Ever growing sales-figures prove the popularity of San-Mex-ide, the fragrant liquid insecticide that always brings repeat orders. Its effectiveness and wide application keep it constantly in demand.

Trade enquiries to sole manufacturers:

**The British Products San-Mex Co. Ltd.**  
68 Bath Street, Glasgow, C.1



**SUBA-SEAL**★ **The SAFETY BOTTLE**WITH **ALL** THE SELLING POINTS

REGD. TRADE MARK

PATENT NOS.  
530164/516731  
538564**WILLIAM FREEMAN**  
— & COMPANY LIMITED —**SUBASEAL WORKS, PEEL STREET, BARNSELY**Telegrams :  
"SUBASEAL, BARNSELYTelephone :  
BARNSELY 4081

EASY FILLING  
NO AIR LOCK  
NO SPLUTTER  
EASY STOPPERING  
NO LEAKAGE  
STOPPER CANNOT GET LOST  
NO BANDS TO BREAK  
CENTRE CANNOT COME OUT  
COMPLETELY VULCANISED  
LONGER RADIATION  
SEAMLESS THROUGHOUT  
ALL RUBBER  
BEAUTIFUL COLOURS AND  
DESIGNS  
ENTIRELY BRITISH

**Femese** REGD.**SANITARY  
TOWELS**

for  
Perfect Reliability  
**NON CHAFING**  
**HIGHLY ABSORBENT**  
In various sizes

**WILFRED STRETCH & CO.**  
LIMITED  
CASTLETON · ROCHDALE**SURQUALE**  
TRADE MARK**THE NEW ELECTRIC STERILIZER**

Makes the Steriliza-  
tion and Assembly  
of Syringes Safe and  
Foolproof.

**PRICE**  
**£5 - 15 - 0**

Working Capacity  
1 Pint . . . Bolls  
in 10 Minutes.  
Overall  
Dimen-  
sions 8½"  
High and  
4½" Dia-  
meter of  
Base.

**SES****SURGICAL EQUIPMENT SUPPLIES**

WESTFIELDS ROAD, LONDON, W.3  
Name of Local Dealers on request



# SURGICAL DRESSINGS

*by*  
**CARUS**  
OF DARWEN

HODDLESDEM MILL • ATLANTIC MILL • HAMPDEN MILL • SPOTLAND BRIDGE MILL

*Primosette*

REGD. TRADE MARK  
AND

*Primrose*

TRADE MARK

## SANITARY TOWELS

*As supplied regularly to well  
known chemists in London.*

Sole Distributors:

PRIMOSETTE CO. LTD  
99 Kingsland High Street  
London, E.8

Telephone - - CLIssold 1717

# GOODWILL!

RADIO TIMES  
NEWS of the WORLD  
DAILY EXPRESS  
THE PEOPLE  
DAILY MIRROR  
NEWS CHRONICLE



Frequent advertisements in these and other leading papers are building strong goodwill for Mathaplast. This well-advertised line won't stay long on the shelf.

*"Mathaplast"*  
REGD

**FIRST AID  
ELASTIC DRESSINGS**

Wm. MATHER LTD., MANCHESTER 15



**YOU KNOW**  
**IT'S THE EDGE THAT MATTERS**  
**MILLIONS OF**  
**ADVERTISEMENTS**  
**WILL INCREASE**  
**THE DEMAND FOR**  
**LAUREL**

Made by Sheffield craftsmen, the finest blade sold and at an economical price. Ordinary kinds to retail at 2 for 3½d. packed in handy containers of 4 for 7d. Attractive counter display cartons are provided.

**BLADES FOR EVERY RAZOR**

Send for illustrated price list.

An all-British Product.



**G - H - LAWRENCE - DEPT 12. - SHEFFIELD 3 S.C.P.**

**'WEBSTER'S'**  
**STAINLESS STEELWARE**

Specialists in modern equipment for manufacturers, i.e., Funnels, Buckets, Jugs, Mixing Containers, Measures, Percolators, Boggles, etc., etc.

Suppliers of Stainless Steel utensils, at prices which enable the user to employ them in place of other metals as an economical proposition.

The use of Stainless Steel equipment, designed on modern principles, enables overhead costs to be reduced and makes for more convenient and better working conditions.

**ISAAC WEBSTER & SONS, LTD.**  
**ABBAY WORKS, KIRKSTALL, LEEDS, 5**  
 Phone: 1580 Headingley. Grams: Isaac Webster, Kirkstall



**Stergene**  
 SCIENCE IN CLEANSING

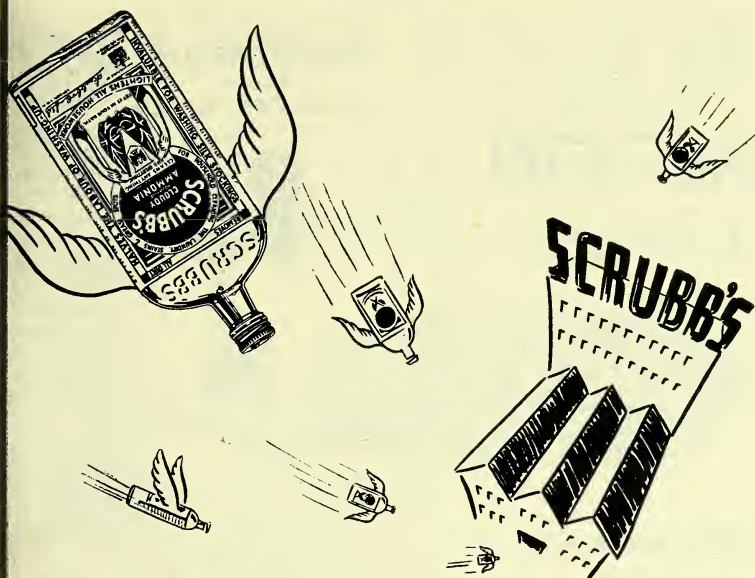
**NOW 2/2<sup>D</sup>**  
**PER BOTTLE**

(RETAIL PRICE)

The makers of Stergene are sorry to announce that they must raise the retail selling price from 2/- to 2/2 per bottle, and increase the price to retailers by 2/- dozen. This rise is due entirely to the increased cost of raw materials.

We regret the necessity for this alteration and assure our friends in the Trade of our continued co-operation in every possible way.

**DOMESTOS LIMITED**  
 NEWCASTLE UPON TYNE, 6



# Bottles aren't Pigeons..

they won't fly home  
you have to coax 'em!

Empty Scrubb's Cloudy Ammonia bottles very urgently required. We will allow 2/- per dozen and collection will be made by us in the London area immediately on receipt of your advice. Customers outside this area should return their empties to our address and we will pay the carriage incurred. Your co-operation is essential for continuity of supply.

**PRIORITY IN DELIVERIES WILL BE GIVEN TO THOSE  
CO-OPERATING IN THE RETURN OF EMPTIES**

**CHEMICAL & NATURAL PRODUCTS LTD.**

Wimbledon Factory Estate, Morden Road, LONDON, S.W.19

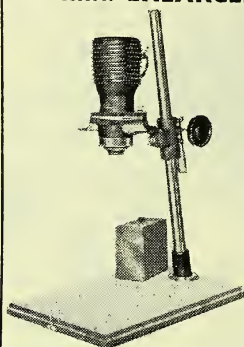


# THE NEW CAUTION LABELS

STOCKS ARE  
READY

JAMES TOWNSEND & SONS, LTD.  
EXETER.

## The New 'UNIVERSUM' Model II 35 mm. ENLARGER



ALTERNATIVE  
LAMPHOUSE!  
TOP AVAILABLE  
FOR D.C.

DOUBLE OPTICAL  
CONDENSERS.

PORTABLE CASE  
SIZE 15" x 7" x 11".

WEIGHT  
16 lb. approx.

Incorporates all the  
unique features of  
the earlier "Uni-  
versum" together  
with the following  
improvements:—

- Inclined column giving increased rigidity.
- Friction drive to raise and lower lamphouse with built in "one hand" quick release.

Table Model £19-17-6      Portable Model £22-3-11

Price includes Purchase Tax but not lens. Ask your dealer for fully illustrated catalogue or write direct to manufacturers.

Gnome Photographic Products Ltd.  
354 Caerphilly Road, Whitchurch, Cardiff



A.C./D.C.  
200/250 volts  
200 watts

Thousands now know the benefits obtainable from the invisible penetrating Infra Red and Radiant Heat rays. A safe and simple treatment for home or professional use, and at moderate cost, sales come quickly and easily. Don't miss this opportunity of cashing in. Write for particulars and generous trade terms.

**PIFCO**

*Electro*  
**MEDICAL APPLIANCE**

PIFCO LTD., PIFCO HOUSE, LONDON, E.C.2

**A  
shaving  
grace!**

**Price 3<sup>d</sup> each**  
INCL TAX  
Obtainable only from Retailers  
JAMES NEILL & CO. (SHEFFIELD) LTD

# now available

**No. SC 102 Polished Mahogany Tall-Boy Centre Showcase.** A standard type of showcase that will give an excellent and smart display for any class of merchandise. Glazed clear glass on all sides and enclosed at back by hinged door. Interior fitted three rows of plate glass shelves on adjustable lacquered iron tapped bars and brackets. Bottom polished light colour. 6' high, 22½" wide, 22½" deep. Mounted on shaped leg Stand. Price **£37-10-0**

**POTTERS**  
(LONDON) LIMITED

(No connection with Wm. Potter & Sons Ltd., formerly of 160 Aldersgate Street, E.C.1)

**97-99, ST. JOHN STREET, CLERKENWELL, LONDON, E.C. 1. Telephone: CLERKENWELL 2171/2**

Please call,  
write or phone  
your requirements

## LABELS OF DISTINCTION

For Wholesale Manufacturing  
& Retail Chemists

MEDICAL and DISPENSING LABELS, TOILET, COSMETIC and PERFUME, largest range of STOCK LABELS (attractive two-colour 50-60 wordings), SHAMPOO POWDER ENVELOPES and INNERS, also SACCHARINE TABLET ENVELOPES, with name and address. We can also offer multi-coloured advertising stamps in exclusive designs.

Send for our  
extensive sample  
range

**CARILLON  
PRESS LTD**

Artists in the Production of Fine Labels  
**BOURNEMOUTH**

# Tintex

**THE WORLD'S  
LARGEST-SELLING  
HOME DYE**

CHEMISTS' AGENTS:—

Thos. Christy & Co., Ltd.  
Farnham, Surrey.



# Important Price Announcement from Gillette

RETAIL PRICES for Great Britain and Northern Ireland, including Purchase Tax, for blades sent out from the factory on and after 13th November 1947, will be as follows:

---

## Blue Gillette and Valet Blades

*including Purchase Tax*

10's. **2/11** PER PACKET

5's. **1/5½** PER PACKET

---

## Thin Gillette

*including Purchase Tax*

12's. **2/6** PER PACKET

6's. **1/3** PER PACKET

---

## 7 o'clock

*including Purchase Tax*

12's. **2/-** PER PACKET

6's. **1/-** PER PACKET


---

Blue and Thin Gillette, Valet and 7 o'clock blades are sold under Patentees Price Licence.

**Gillette Industries Limited**

Gillette Corner, Great West Road, Isleworth, Middlesex.



‘AVLON’  brand

## PENICILLIN LOZENGE B.P.

*For Oral and Throat Infections*

Designed for slow disintegration when placed in the mouth, ‘Avlon’ brand Penicillin Lozenges provide a convenient, pleasant and effective means of maintaining bacteriostatic concentrations of penicillin in the saliva.

Indicated in the prophylaxis and treatment of infections of the mouth and throat, the lozenges have proved highly effective in ulcerative conditions of the oral mucous membrane, e.g., Vincent’s angina and in pharyngitis, sore throat and laryngitis. ‘Avlon’ brand Penicillin Lozenges each contain 500 units of penicillin calcium salt and are issued in bottles of 25.

*Literature on request.*

Ph.223

**IMPERIAL CHEMICAL [PHARMACEUTICALS] LIMITED**  
**THE RIDGE, BEECHFIELD ROAD, ALDERLEY EDGE, MANCHESTER**



it's new

— it's pneumatic!



BRITISH AND FOREIGN  
PATENTS PENDING

**MARIGOLD**

REGISTERED

*Cushion*

**COMFORTER**

for Cot Comfort

Made entirely of pure latex; soft,  
resilient and easily sterilized.

J. ALLEN & COMPANY, CHELTENHAM, ENGLAND

# Who

## an an underground movement n London in the 'Eighties?

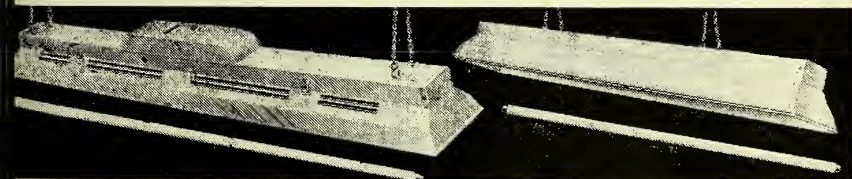
possible to keep that dark, for this electrifying event—putting one of the first  
arless locomotives on London's tube railways—was the work of the man who  
read electric light throughout the world : Colonel Crompton. The achievements  
this great pioneer ran non-stop from lighting royal palaces and opera houses to  
plying safety equipment in mines and power installations at such remote spots  
Lhasa and Darjeeling. It was Colonel Crompton too, who first introduced  
use-to-house electric lighting in  
England. Today his work is con-  
ued in the great Crompton  
rkinson organization, whose  
oducts include Crompton Lamps  
d Lighting Equipment and  
hose lighting engineers are ready  
ways to apply their specialised  
nowledge to every kind of  
hting problem.



# Crompton

LAMPS & LIGHTING  
EQUIPMENT

OR THE LATEST IN LIGHTING



COMPTON PARKINSON LIMITED, ASTOR HOUSE, ALDWYCH, LONDON, W.C.2.  
phone : CHAncery 3333. Telegrams : Crompark. Estrad. London



SMT6

SOFT...  
SOFTER...**SOFTEX****Inter-leaved  
TOILET TISSUE***Extra thin, pure strong quality***Softex Toilet ROLLS also available****A SWAN MILL PRODUCT, LONDON, W. 1.**

## GOVERNMENT SURPLUS STOCK FOR SALE

Drugs by well-known firms. All in perfect condition.  
4,500 Tubes, 4 ozs. of Gentian Violet with Merphiolate 1 in 5,000, by Eli Lilly & Co., Ltd., @ 12/- per dozen. 750,000 Tablets Amphetamine Sulphate 5 m.g., in bottles of 500, by Griffiths Hughes, @ 4/- per 1,000. 140,000 Tab. Hyd. Subchlor, gr. 1/2, Bottles of 500, by Howard & Son, 1/6 per 1,000. 20,000 Tubes Hyoscine Hydrobrom. 1/200 grain, in tubes of 50, by Kirby & Sons and Griffiths Hughes, @ 6/- per dozen tubes. 900,000 Tablet Syrup Easton, 30 minims sine Quinine. S.C. in bottles of 500 by Burgoyne Burbidges @ 2/- per 1,000. 150,000 Tab. Plumbi Subacet. grain 10, in bottles of 500, by R. Daniel & Son, @ 3/- per 1,000. 300,000 Solvelle Pot. Permang. gr. 2, in bottles of 500, by R. Daniel & Son, @ 3/- per 1,000. 140,000 Tablets Zinc Sulphate gr. 5. Bottles of 500, by Howards & Sons, @ 3/- per 1,000. 120,000 Tablets Argent Proteinate, 4.375 gr., by Kirby & Sons, @ 6/- per 1,000. 375,000 Tablets Eufllavine 0.875 grains, with Sodium Chloride, by May & Baker, in bottles of 500, @ 10/- per 1,000. 350,000 Tab. Hyd. Perchlor. 8.75 grain, by Burgoyne Burbidges, in bottles of 500, @ 6/- per 1,000.

**TERMS:** Cash with order. Tax paid; bottles free; Carriage Free. Satisfaction guaranteed.

*Apply:*

**THE BRITISH SURGICAL HOUSES, LTD.,**  
48 Higher Bridge Street, Bolton, Lancs.  
Tel. No. BOLTON 3168.

*Cheer-i-o***SAFETY****RAZOR BLADES**

★—★—★

*Sole Makers...***The Wafer Razor Co. Ltd.****20 Hill Street, Sheffield, 2**

PHONE 51824

# R. C. R.

**For  
All  
Rats  
and  
Mice**

**G**ROUND, Ready Mixed, Clean, Tested, and proved, under all conditions, by professional ratcatchers, R.C.R. will prove a boon to all who are troubled with rats or mice.

R.C.R. (Red Squill) will remain eatable and effective to the largest rat and smallest mouse for long periods. It is similar to Bran in appearance.

We advise all retailers, especially those in areas not covered by Boots or Timothy Whites and Taylors, to at least stock a few boxes of R.C.R. to meet the demand which is being created by National advertising.

**SELLING PRICES****1/9 - 4/9 - £1***Please write for terms to:—***RODENT CONTROL LTD.****46 · MARKET PLACE · READING**

## Investing money WITHOUT ANXIETY

WITHOUT trouble to you, and without charge, your Bank is now able to make it easy for you to invest money towards your own future security—and your country's prosperity. Your signature on a Banker's Certificate form will ensure for you either a single instalment of a number of National Savings Certificates, or the regular monthly inflow of money by National Savings Certificates as you like—up to the value of 1,000 which you may hold. In ten years time each 10s. Certificate will be worth your £500 will have grown to £650 tax free—a very worthwhile investment indeed. For the surtax payer the Savings Certificate is even more profitable. See your Bank Manager about it today.

## SAVE—The Bank Way

*Issued by the National Savings Committee*

**WORMS IN DOGS  
NON - FASTING  
REMEDY IS...**

## PUGH'S

INCREASING IN POPULARITY  
THROUGHOUT THE  
COUNTRY AND USED AND  
RECOMMENDED BY LEADING  
BREEDERS AND JUDGES

Price

1/7, 2/6 and 4/4 (inc. tax)

*Saves the Chemist a Good Profit*

All Representatives of  
**Mrs. S. Maw, Son & Sons**  
of Barnet, have samples of this  
attractively packed remedy.

Manufactured by:

**PUGH'S VETERINARY MEDICINES LTD.**  
2 QUAY STREET, CARDIFF

# Dettol BRAND Ointment

Effectively bactericidal yet  
non-irritant; emollient and  
penetrative: combining  
these qualities 'Dettol' Oint-  
ment (*P-chlor-m-xylene*ol  
and other active principles  
of 'Dettol') is ideally  
adapted to the treatment of  
septic conditions of the skin.

*Packed in 1-lb. and 7-lb. jars  
for Hospital and Surgery use.*

RECKITT AND COLMAN LTD, HULL AND LONDON  
(PHARMACEUTICAL DEPT., HULL)



# 2,000,000 DENTAL PLATES

The number of people in this country who wear dental plates is not known, but even if it is only one in twenty it means that there are over 2,000,000 potential buyers of Per-de-Co. That is why you should always display Per-de-Co where it will attract most attention. It has a habit of building up big sales.



CHRISTY'S

# PER-DE-CO

Sole Distributors:

THOS. CHRISTY & CO. LTD., FARNHAM, SURREY. Farnham 64

## PHARMAX LIMITED

REVISED PURCHASE TAX

*The new prices of our lines  
are*

**DIUROMIL**  
4/6 plus 1/1½ tax

**RALGEX**  
3/6 plus 10½d. tax

*Customers are requested to note that our  
offices have now been removed to our works*

OUR SOLE ADDRESS IS NOW  
**THE ORGAN WORKS**  
**OLD HILL**  
**CHISLEHURST, KENT**  
Telephone: Imperial 1287

## THE RADIOL COMPANY

78, UPPER RICHMOND ROAD  
LONDON,  
S.W.15

### AN OPEN LETTER

Dear Chemist,

When asked for RADIOL-B (or any of the other Radian Products) please don't say it isn't made anymore—because it has been in production throughout the war and the difficult times since. Every day we receive letters from customers asking us to post direct, this means you lose 6d. or 1/3, according to size, on every sale.

Supplies have been and are far behind the rapidly growing demand, but we want YOU to have the profit, so please continue to order through your Wholesaler and we will do our utmost to speed your demands.

Winter is approaching and the weather will aggravate and increase the incidence of rheumatic and arthritic conditions, so please place your orders at once and be prepared.

Yours faithfully,  
The Radiol Co.

# An Authoritative Statement on Toilet Papers

**T**HAT good toilet papers are in short supply today is only too common knowledge. The reasons why production does not catch up with demand are not so apparent.

As the actual manufacturers of fine toilet papers we are in a position to state that it is mainly due to the shortage of *suitable* raw material. Paper can of course be made from any grade of "scrap" but the types of material suitable for our Toilet papers are strictly limited.

Hence we are compelled for the time being to ration supplies to all customers and to refuse with regret many orders of flattering dimensions.

But we are hopeful that the position will improve and enable us to satisfy all customers both old and new.

*These are the products of St. Andrew Mills*

Retail Price

ANDREX

The softest Toilet Tissue known made entirely from purest pulp. Note—the whole production of Andrex goes to the home market—none is exported.

1/1½

ANDROL

For those who prefer a glazed paper.

1/1½

STANEX

MARVO

SAMARITAN

} Absorbent unglazed paper not harsh or bulky crease.

1/-  
10d.  
8½d.

Prices are subject to alteration without notice.

*Wholesale only*

**ST. ANDREW MILLS LIMITED**

LARKSWOOD · 1014 · 5 · 6

WALTHAMSTOW · E · 17





## 48 HOURS A DAY

Twice as many hours a day *might* give you time both for leisure and for following new developments on medical problems.

Mineral Deficiency is one problem you meet every day, a problem you can solve only by providing an adequate mineral supplement. Many doctors and clinics prescribe Calfos Tablets, to correct deficiency resulting from years of rationing.

For every expectant and nursing mother Calfos provides calcium and phosphorus *in true natural ratio*, with all trace elements found in normal healthy bone. For children of all ages, Calfos means sound bone and teeth.

Please write for special Trade Terms.

# CALFOS

*Natural Mineral* TABLETS

CALFOS LIMITED • IMPERIAL HOUSE  
KINGSWAY • LONDON • W.C.2

C.F.

P.A.T.A.



*for  
seven  
good  
reasons*

- (1) Made from best Latex obtainable.
- (2) Available normal and ancolic shapes.
- (3) Hygienic and attractive individual packing.
- (4) Seamless construction.
- (5) Transparent.
- (6) Stand repeated sterilization.
- (7) Fit any size bottle.

## GROVEWELL FEED TEATS & VALVES

Grovesell soothers are also now available  
*Wholesale only supplied*  
656, Forest Road, Walthamstow, London,

**SURE-SELLING STOCK**  
OVER 150 YEARS REPUTATION  
**KEARSLEY**  
THE ORIGINAL  
**WIDOW WELCH'S FEMALE PILLS**  
9d. BOX PROFIT by ordering 1 dozen 3/3½ size. Bonus box given on every dozen (13). It pays to push this.  
**C. & G. KEARSLEY LTD.**  
71 Dartmouth Rd., London, S.  
Est. 1787 in the Reign of King George III

**EDIBLE EMULSIFIER**  
GUARANTEED  
TO CONFORM TO  
FOOD & DRUGS SPECIFICATION  
SAMPLES & PRICES ON REQUEST

The Faylene Manufacturing Company  
15 Queens Court, Lower Briggate, Leeds  
Telephone 22594

# CAPSULES

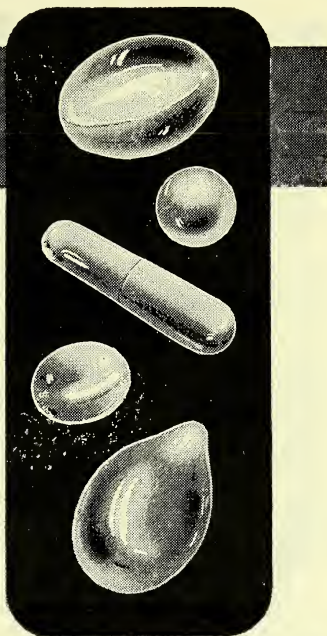
*by Ferber's*

means quality, guaranteed and absolute reliability. Own formulæ prepared in strict confidence. Hand or machine made capsules according to quantity and contents. Home and Export enquiries invited.

**ROBERT FERBER LTD**

CARLTON WORKS, ASYLUM RD, S.E.15

TELEPHONE . . . . . NEW CROSS 0768



**cylla**

**pure soap Shampoos**

**DARK and FAIR**

6d. each 3/- dozen +  $\frac{1}{3}$ rd Tax



**cylla**

**HAIR TONING**

**RINSES**

**AUBURN, BRUNETTE,  
GOLDEN and BLONDE**

Each packet contains 3 rinses

9d. per packet of 3

3/- dozen packets + 100% Tax



selling agents

**JOHN KNOX**

oke-on-Trent) Ltd.  
KNOX WORKS,  
IG ST., FENTON,  
STAFFS,

(Midland) Ltd.  
36/38 DEAN ST.,  
BIRMINGHAM, 5

**Announcing  
PRICE INCREASE  
of**



Permission has been granted by the Central Price Regulation Committee to increase the price of VITA-GLUCOSE Tablets as from Monday, October 6th as follows:—

**Retail Price . . . . 8½d. per packet**  
**Wholesale Price 13/- per box of 24 packets**

These tablets are still in short supply and reserved for diabetics on insulin and other urgent medical cases.

**Simpkins of Sheffield**



# IMPORTANT ANNOUNCEMENT

Issued by **M. CALTHORPE & CO., LTD.**, Manufacturing Chemists, **OSSETT, YORKSHIRE**

Good news for our Trade Friends. **VIRONITA**—now prepared under Ministry of Food Licence No. FVP7707/1972/MED has an even better Formula, produced at a lower cost. The savings we pass to the ever increasing numbers who daily enjoy the benefits derived from taking this fine Iron Tonic. Approved retail prices operating from 13th November are 4/6 and 2/9 per large and small bottles, including Purchase Tax. This price reduction, backed by powerful publicity, makes easy sales easier still, and every sale shows a generous profit margin. So, Buy Now!—display and recommend **VIRONITA IRON TONIC** and attract regular, worthwhile custom to YOUR shop.

**NEW RETAIL PRICES, INC. PUR. TAX, FROM NOV. 13 4/6 and 2/9**

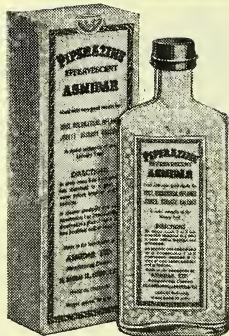
## VIRONITA IRON TONIC

V3/9/9



### ASMIDAR SPECIALITIES

## PIPERAZINE



This highly efficient antiseptic of the Urinary Tract is prescribed for Gout, Rheumatism, Inflamed Joints, Urinary Calculi.

Other Asmidar Specialities include Glutonine (Asmidar), Sulphazol Cream (Asmidar) and Ichthammol B.P.

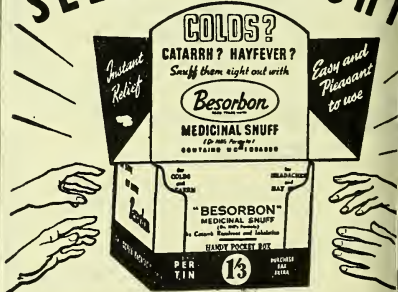
Literature and full information gladly supplied on request

**ASMIDAR LTD.**

16 DOUGLAS STREET, LONDON, S.W.1

Telephone: VICTORIA 5556

## BESORBON SELLS ON SIGHT



Besorbon medicinal snuff is in demand all the year round as a preventive remedy for Hay Fever, Colds and Catarrh. Put this attractive display box on your counter and it will make its own sales. Supplied with all orders for dozen lots—from all registered wholesale chemists.

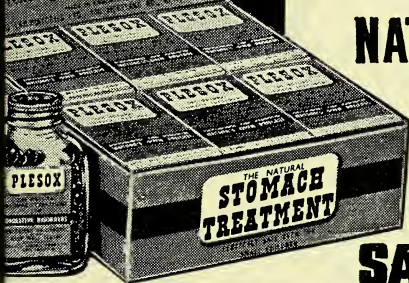
**KEMSALES LTD.**

20 EASTCHEAP, LONDON E

**RECOMMEND**

**PLESOX**  
THE NATURAL STOMACH TREATMENT

DO NOT A PALLIATIVE  
STIMULANTS AND PROMOTES  
NATURE'S OWN PROCESS



# PLESOX

*The* **DIFFERENT**

**STOMACH TREATMENT**

WITH

**NATION-WIDE ADVERTISING  
ATTRACTIVE WINDOW DISPLAY**

**RECOMMENDATION  
OF**

**SATISFIED USERS**

**50% ARRESTING WINDOW SEALS  
CONVINCING LITERATURE  
0 PROFIT ON OUTLAY**

A large proportion of all stomach sufferers, and most long-standing cases do not respond well to alkaline or antacid products and call for **A SAFE RELIABLE REMEDY ON SOME QUITE DIFFERENT PRINCIPLE.** As **THEY NEED IT, SOONER OR LATER**—whether in your shop or elsewhere—**SUFFERERS WILL DISCOVER PLESOX**—and become satisfied users.

**WHY LOSE** such grateful customers with their constant repeat orders and recommendations to others.

Order now at 23/- mixed display cartons (8 small 4 medium)  
**SHOWING 50% PROFIT ON OUTLAY.**

Retail Prices: 2/3d plus 3d P. Tax. 4/1½ plus 5½d P. Tax. 6/9d plus 9d P. Tax.

Distributors for GREAT BRITAIN: **SPLENDOR LIMITED, NOTTINGHAM.**

**MANUFACTURERS: GRANT LABORATORIES LTD.,  
2 PARKSHOT RICHMOND-SHREY**



**INCREASED  
PURCHASE TAX****THE NEW****'ASPRO'****PRICES TO THE PUBLIC ARE**One Tape 4<sup>D</sup> Two Tapes 7<sup>D</sup>  
5 tablets 10 tablets 7½

Packet of 27 tablets 1'5

When your wholesaler supplies you at the new rate of Purchase Tax you will be charged :—

5's. 2/1 per dozen, plus Purchase Tax—8½d. New Total Price 2/9½

27's. 10/- per dozen, plus Purchase Tax—3/4. New Total Price 13/4

So that you should be in no doubt and uncertainty regarding the new prices, we despatched to you an urgent notice giving the above information. We hope that the early receipt of this proved of help and service to you.

A vast national campaign is advertising 'ASPRO'—a great public is buying 'ASPRO'—so your 'ASPRO' window display brings you the full benefit of this campaign, brings you the purchases of this great public. Be assured that in any difficulties and emergencies we shall always be on the alert to act as quickly as possible IN YOUR INTEREST. We never forget that

***Your Success  
is Our Success!*****P.A.T.A.**Made by ASPRO LIMITED  
Slough, Bucks**ASPRO**  
REG. TRADE MARK**The Symbol of  
Fine Service****NO IDLE STATEMENT**  
but a fact proven by past experience to our clients, both old and new. We ensure, as always, a quick and comprehensive service, with a fair distribution of supplies. Our advice and service is always at your disposal and we cordially invite your inquiries.**Ferryman**  
OF SOUTHAMPTON

Suppliers of Proprietaries, Drugs and Galenicals, Sundries and Packed Pharmaceuticals.

**HERBERT FERRYMAN, LTD.,**  
COBDEN BRIDGE, SOUTHAMPTONTelegrams: Telephone:  
Ferryman Southampton 75641 (5 lines)**NOVADENT**  
**DENTURE WAFER**

which is infallible in keeping Denture firmly and comfortably in position

**widely advertise**and with *regular* insertions in**NEWS CHRONICLE**

(Northern Edition)

● The Novadent Wafer is not a paste, powder or disc, but a complete all-over interlaminar which fits any Denture. Retail at 4/6 less 33%—3½% 7days' trade terms. Please write for full details to:—

**RENTEX LTD BELLE VUE BRADFORD**



# Sales!

MODERN THE TOWEL  
SANITARY



EVERY SECOND · MINUTE · HOUR  
DAY · WEEK · MONTH · YEAR  
EVERYWHERE



*Mr Retailer  
Meet*

## LUNA



*A Revolution  
in Feminine  
Hygiene*

A WONDERFUL NEW TAMPON SPECIALLY DESIGNED FOR  
INTERNAL WEAR, SIMPLE IN USE YET COMPLETELY SAFE AND  
UNBELIEVABLY COMFORTABLE, A SOFT GAUZE SACHET SURROUNDING  
EACH INSERT ENSURES PERFECT ANATOMICAL FITTING AND  
ENABLES THE TAMPON TO BE REMOVED COMPLETELY WITHOUT  
THE SLIGHTEST RISK OF DISINTEGRATION

*The Greatest Boon & Comfort*

OBTAINABLE FROM ALL THE LEADING WHOLESALERS  
LONDON. BIRMINGHAM. MANCHESTER. LIVERPOOL.  
LEICESTER. LEEDS. BRISTOL. NEWCASTLE. GLASGOW.  
EDINBURGH. BELFAST. DUBLIN. CORK. LIMERICK. ETC.

IF ANY DIFFICULTY IN OBTAINING NECESSARY SUPPLIES  
MAIL US DIRECT. EXPORT QUOTA AVAILABLE

LUNA INSERTS LTD 24 HIGH STREET LONDON E1





*The Brand  
that rings  
the bell!*

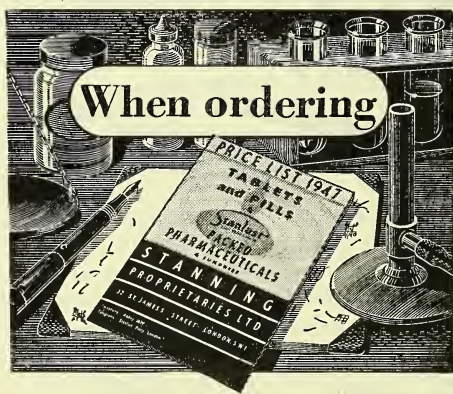


Keep your cash register busy this winter by showing the attractive "Autumn Sun" display card, linking up with "Autumn Sun" national advertising. These, plus "Edme" quality and "that butterscotch flavour," ring a bell with the public.

NATIONALLY ADVERTISED  
Advertising in national Press  
will appear throughout the  
Season. FREE—handsome Jar-  
holder display showcard in full  
colour creates sales.

**EDME**  
**Autumn Sun**  
MALT AND OIL  
Manufactured from finest ingredients  
obtainable. Full particulars from :

**EDME LIMITED · IMPERIAL HOUSE, REGENT ST, LONDON W**  
TELEPHONE, REGENT 5563-4



When ordering

—keep the STANNING  
PRICE LIST handy!

**STANNING**  
**PROPRIETARIES LIMITED**

32, ST. JAMES'S STREET, LONDON, S.W.1.

'Phone : ABBey 3629. 'Grams : "Stanlast, Piccy, London"

**TELLODON**

TRADE MARK

ANTISEPTIC GARGLE &  
MOUTHWASH TABLETS

★ ★ ★ ★ ★  
ADVERTISING CAMPAIGN  
COMMENCES JANUARY

★ ★ ★ ★ ★  
ORDER YOUR STOCK NOW  
FROM YOUR WHOLESALE

OR DIRECT FROM :—  
TELL PRODUCTS, LTD

MANUFACTURING CHEMISTS  
22-24 ROSEMONT RD.  
LONDON - N.W.3.  
Tel. : HAMPSDEAD 9203  
RETAIL PRICE

INCL. 2/6 PUR. TAX

TRADE PRICE

INCL. 1/6 + 1/3 P.TAX



PACKED IN TWO DOZEN OUT

JUST WHAT THE DOCTOR ORDERED'

OR BIG  
STEADY

*Sales*



Day by day, more and more people are finding quick relief from pain with KORAY tablets. The demand is being still further increased by powerful national advertising. Easy to handle and easy to sell, KORAY products are ideal counter lines, giving you a guaranteed standard of quality, assured and steady sales and a good margin of profit.

Profit from the demand for KORAY by stocking up—now.

**3 1/2<sup>D</sup>**

**7<sup>D</sup>**

**1/5**

**2/10**

THE HOUSE OF KORAY, 25 HANOVER SQUARE, LONDON, W.1





Order through your  
wholesaler or write for  
trade terms

## THESE THREE 'MERTON'

MINTS · BROMPTON TABLETS  
SULPHUR TABLETS · COMMAND  
A READY SALE EVERYWHERE

Retail at 6d. Good profits. Packed  
in new, attractive counter displays  
outers containing 3 doz.



VERVA LTD

HIGH PATH, MERTON, LONDON, S.W.1

## A Point Free Food Addition

SUPPLIES NOW AVAILABLE

SPICER'S

# MALT TABLETS

in 6d. glass vials

Charged to Chemists at 51/- per  
gross nett in cartons containing  
3-gross vials. From Wholesalers.

Enquiries to:

**AFFINED BASIC CHEMICALS LTD**  
EMPIRE WORKS, DESBOROUGH ROAD,  
HIGH WYCOMBE, BUCKS.

(B)

## WE MAKE

TOILET  
PREPARATIONS

e.g. LAVINIA LIPSTICKS AND ROUGE  
CRESTOLAN CREAM BRILLIANTINE  
AND SOLID BRILLIANTINE.

## WE ALSO MAKE

PHARMACEUTICAL  
PREPARATIONS

e.g. CRESTOL ANTISEPTIC, OINT-  
MENTS, INHALANT, ETC.

## IF YOU ARE INTERESTED

AND OUR REPRESENTATIVE  
HAS NOT YET CALLED—

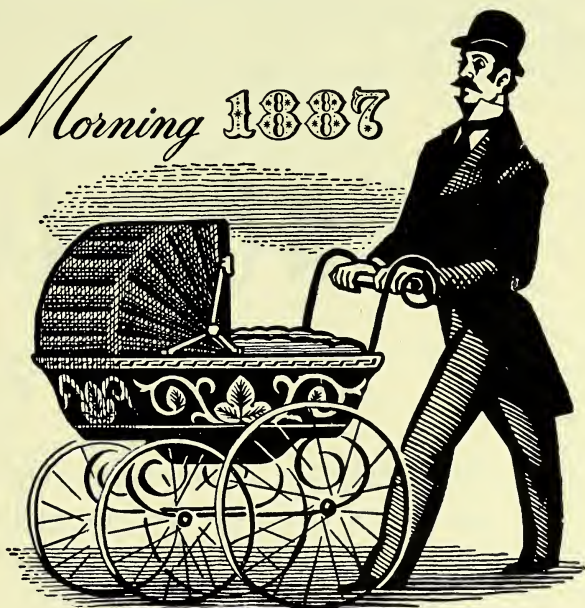
Write for price list to:—

**CREST LABORATORIES LTD**

Manufacturing Chemists

BURY NEW ROAD, SALFORD

*Sunday Morning* 1887



is the year of the Golden Jubilee.   
ers are earning 36/- a week and   
yone is talking about Stevenson's   
novel "Dr Jekyll and Mr. Hyde."   
boy in the bassinette is six months   
His mother is giving him M.O.F.   
one of those new-fangled foods."   
Scott's of Edinburgh launched   
O.F. in the '80's. Then it was   
fined to Scotland. It was not   
el 1941 that Scott's made M.O.F.   
able throughout the whole of   
eland. In the '80's it was a very   
dern food. It still is. M.O.F. has   
t in step with the progress of   
ritational science. Today it is

fortified with iron, calcium, phosphorus   
and Vitamin D—in keeping with the   
current trend in infant nutrition. Even   
though M.O.F. was not distributed on   
a national scale until 1941, now more   
than half of the country's infant   
welfare centres are recommending it.

And what is equally important,   
the grandchildren of the boy in the   
bassinette like their M.O.F.

Scott's of Edinburgh are naturally   
proud of the success that M.O.F.   
has achieved. They are planning   
other infant foods which they are   
confident will achieve the same   
measure of acceptance.



**SCOTT'S OF EDINBURGH**



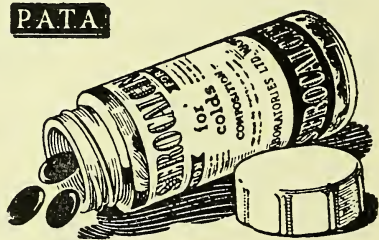
# SEROCALCIN

## FOR THE PREVENTION AND TREATMENT OF COLDS

The extensive advertising campaign in all sections of the press and the personal recommendation of regular users have created a constantly increasing demand for Serocalcin. Ample supplies are available now and chemists are urged to maintain adequate stocks.

**P.A.T.A.**

**Pharmacists are reminded that the sole selling agents for Seroalcalin in the United Kingdom are J. C. Eno Ltd., Watford, Herts. (Watford 7761) to whom all orders and enquiries should be sent.**



**Serocalcin is packed in 20s and 60s.**

HARWOODS LABORATORIES LTD., WATFORD, HERTS.



# The CHEMIST AND DRUGGIST

## SUPPLEMENT

Supplement is included in every copy of Chemist & Druggist

DECEMBER 20  
1947

28 ESSEX STREET, LONDON, W.C.2.

Advertising restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

Advertisements are restricted to persons or firms excepted from the provisions of the Code of Engagement Order, 1947.

### SITUATIONS OPEN

36 words or less, 3d. for every additional word

#### RETAIL (HOME)

**QUALIFIED ASSISTANT** required, male or female. No N.H.I. No Sunday or holiday duties. Accommodation can be arranged if desired. State usual particulars. Early Bunn, Ltd., 105, 95 High St., Chelmsford, Essex.  
**WANTED**, male. A newly qualified and varied and valuable experience in this line. Please apply with the usual particulars to Cosh & Penfold, Ltd., Lower Union St.,

**VACANT POSITIONS** are solicited from qualified and undisturbed staff for a several months contract in the above area for relief duties with small multiple duties. Excellent rates of pay plus expenses. Applications in first instance to Box 2/382.

**RD.** Pharmacist, lady or gentleman, wanted. Full post, good wages, reasonable hours; no accommodation. Good family type business. Taylor & Flood, Ltd., 71 High St., Bedford.

**ST** would like to hear of student experienced pharmacist to assist daily from four to six-thirty, whole day Saturday. Apply "A" Box 2/300.

**ON.** Lady with knowledge of dispensing and retail pharmacy required. Unqualified or Half-qualified, salary required and photo if possible. Dawson, 309 London Rd. Croydon.

**ON.** Qualified assistant, or one qualifying for busy dispensing pharmacy. Excellent opportunity to gain all-round experience. No extra other advantages. Good salary offered to applicant, either sex. Coutts, Michie, 175, Town Rd., N.W.1. Phone Gulliver 1650.

**ON CO-OPERATIVE CHEMISTS, LTD.,** have attractive and congenial vacancies for branch pharmacists. Applications, in first instance, to the General Manager, 54 Maryland Street, E.C.15.

**ON, S.E.1.** Assistant, male or female, for dispensing in busy working-class business for six months. Good remuneration. Please state availability and salary required. Kembles, 69 Blackfriars Rd.

**FIELD MANAGER** required for branch shop opportunities. Prospect of house if necessary. S. Ltd., 265 Oldham Road, Rochdale, Lancs.  
**LEY & DIST. IND. CO-OPERATIVE SOCIETY,** 40 Elliott Street, Tyldesley. Qualified chemist technician required as superintendent for new shop to be opened in the near future. This permanent position with excellent opportunities and advantages. Written applications to be sent to the office of the above Society, giving full experience, together with copies of two testimonials, not later than Saturday, Dec. 3, 1948.

**QUALIFIED PHARMACIST** wanted as assistant for central shop; superannuated. Permanent, progressive position. 43-hour week. Newly decorated house available at early date. Applications, giving full particulars, not later than December 29, to General Manager, York Co-operative Society, Ltd., 22 Railway St., York.

**SCOTLAND.** Qualified chemist wanted to manage branch in Portree, Isle of Skye. Must be energetic business builder, knowledge of horticulture and veterinary sales an advantage. Good living accommodation available. Apply in writing, giving full particulars of age, experience and when free, to The Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1.

**THE BRIGHTSIDE & Carbrook Co-operative Chemists, Ltd.,** have vacancies for branch pharmacists. Permanent, progressive positions, good conditions and salary. Superannuation scheme (with transfer clause) in operation, and living accommodation available. Apply to the Superintendent Chemist at the Registered Office, 32 Sycamore St., Sheffield, 1.  
**UNQUALIFIED** assistant, experienced dispensing and counter. London Central. Progressive permanency. Write, 146 Holborn, E.C.1.

**WANTED.** Qualified chemist. The Nantymoel Co-operative Society, Ltd., invite applications for the above position. Applications, stating age, experience and salary required. Pensions scheme in operation. 12 days' holiday with pay. Saturday early closing. Permanency. Applications, to be in by Tuesday, 23rd December, 1947, addressed to the Secretary, Nantymoel Co-operative Society, Ltd., 38 Dinami St., Nantymoel, and endorsed "Chemist."

**WE HAVE** several lucrative and interesting branch managerships available for pharmacists, both men and women. Accommodation available. Applications, in first instance, to Box 2/383.

#### WHOLESALE

**ACTIVE** and experienced representatives required on attractive commission basis. Calling on wholesale and retail pharmacy and Co-ops. Territories (1) North Wales; (2) Gloucester, Wilts, Dorset, Hants; (3) Somerset, Devon, Cornwall; (4) Norfolk, Cambs, Suffolk, Essex, Herts, Beds. Representing manufacturing chemists marketing established packed counter lines including toilet soap. Applications, in writing, with particulars of lines carried to sales division. Box 2/398.

**APPLICATIONS** are invited from young, recently qualified pharmacists of B.Pharm. or Ph.C. standard for appointment early in the New Year to the technical representative staff of a well-known company. In addition to sound training candidates must have the necessary personality required for interviewing members of the medical and allied professions. To men with the necessary ability these appointments offer good scope for progressive advancement. Applicants should submit full details of age, training and salary required, in first letter. Box 2/399.



**ACTIVE REPRESENTATIVES** required in all counties excluding Scotland, Lancashire, Yorkshire and Cheshire, to carry proprietary sanitary towels on commission basis. Only those representatives with live connections amongst Co-ops. and departmental stores need apply. All particulars to the Managing Director. Box 2/373.

**AN ESTABLISHED COMPANY** marketing nationally advertised products of high repute require experienced representatives with established connections amongst wholesale and retail chemists, ladies' hairdressers and hairdressers' sundriesmen. Salary, commission and expenses. Permanent and progressive appointment. Write stating age, area covered, details of past experience, whether car owner, salary required, to Box 2/371.

**EXPERIENCED** representatives or agents with good connection with retail pharmacists required by manufacturing chemists to carry an additional line on generous commission terms. Box 2/341.

**LANCASHIRE.** Prominent company has vacancy for an enthusiastic representative with real ability to sell range of widely advertised C.F. Proprietary Medicines. Progressive position. Salary and expenses. Write in complete confidence, giving full particulars of experience, age and salary required. Box 2/410.

**LONDON AND HOME COUNTIES.** Two representatives are required by manufacturing chemists of repute marketing range of popular and widely advertised C.F. proprietaries. These situations are permanent and progressive, remunerated by salary and expenses. Applicants must give fullest particulars of experience, age and salary required. Box 2/409.

**LONDON POSTAL AREA.** First-class representative required by well-known proprietary house. Qualifications: excellent connection with retail chemists, stores, Co-operative drug departments, etc. Remunerations: salary, expenses, and commission. Please reply, stating age, experience, and when free to commence, Sales Manager, Box 2/397.

**LONDON.** Unqualified assistant, male, with knowledge of proprietary medicines and toilet goods for drug department post order room. Write, stating full particulars and experience, to Box 790, Sells, Ltd., Brettenham House, Lancaster Place, London, W.C.2.

**MANUFACTURERS** of C.F. preparations require representatives or agents for all areas to carry their products on a 20 per cent. commission basis. Applicants must have good connection and be prepared to give full representation. Applications, with full particulars of present territory, companies represented and lines carried, to Box 2/390.

**REPRESENTATIVES** required with good connections amongst chemists, hairdressers, Co-ops., stores, etc., in any of the following areas, Dorset, Hants and Wilts/Notts, Derbys, Leicesters and Lincs/Staffs, Worcestershire and Warwickshire/Cheshire, Shropshire and N. Wales; Lancs and Yorks, by progressive Midland chemist sundriesmen with connections partly established in these areas. Car essential. Salary, commission and expenses. Box 2/403.

**REPRESENTATIVES** required for the Newcastle and South-East and South-West London areas to handle smart range of packed pharmaceuticals. Connections amongst the grocery trade in these areas essential. Remuneration by salary, expenses and commission. Apply with fullest details, in strictest confidence, to Kempac, Ltd., Batley.

**REPRESENTATIVE** required by firm of manufacturing chemists to call upon doctors, chemists and hospitals in connection with high-class ethical pharmaceutical products. Salary, commission and expenses basis. Area South Warwickshire, Oxfordshire and Worcestershire district. Box 2/405.

**REPRESENTATIVE** required by manufacturing chemists for Norfolk and Suffolk, to sell on liberal commission three extensively advertised, fast-moving lines to chemists, grocers, Co-ops. and stores. Must be well introduced and already calling on this class of trade. Send full particulars to Box M. C., Metcalf Advertising, Ltd., 22 King Charles St., Leeds, 1.

**REPRESENTATIVES** required for proprietary. Good incomes and prospects to men not afraid of work. Established connections with chemists, stores and Co-operatives. Send fullest details in confidence, prior to interview. Territories: London, Home Counties, South Coast, South Wales, East Coast and Midlands. Box A. C. 24756, Sam Clark, 57-61 Mortimer St., London, W.1.

**REPRESENTATIVES** for two territories required ethical house with wide range of preparations, selling only on wholesale and retail chemists in South Wales and West Midlands; (2) East Midlands. We offer a permanent position, with liberal salary, expenses and commission, to men having established connection and long experience. Send full details, age, etc., in confidence, to Box 2/258.

**RESIDENT AGENTS** or representatives calling on high-class stores, chemists, Co-ops., etc., with sales ability and connections to carry well-known lines of cosmetics, toilet goods, fancy goods, etc. Areas: Home Counties, Hertford, Beds, Bucks, Surrey, Sussex, Kent, Warwick, Worcs, Hereford, Derbyshire, Staffs, Shropshire, Northampton, Luton, Rutland, Yorks West Riding, Glam., Carmarthenshire, Pembrokeshire, Cardiganshire, Mon., E. Devon, Devon, Cornwall, Somerset, Dorset, Wilts, Hants, Scotland, Glasgow, Paisley, Ayr, Lanark area, Edinburgh Area, Perth and Dundee area, Aberdeen and Northern areas. Many already open. Salary, liberal commission, and support given. Car owners preferred. Box 2/404.

**SCOTLAND.** Manufacturing chemists require a representative, well introduced, experienced and with a live connection among chemists, grocers, Co-ops. and stores, to sell three fast-moving, advertised lines. Salary, expenses and commission basis. Must be a car owner. Write fully, giving proof of ability, age, etc., to Box S. M. C., Metcalf Advertising, 22 King Charles St., Leeds, 1.

**THE BRITISH DRUG HOUSES, LTD.,** have the following vacancies on their scientific staff. Qualified chemists in production departments to act as chemists. Experienced chemists of B.Sc. or equivalent qualification in the analytical laboratory. Experienced laboratory technicians with Inter F. qualification are also required in the analytical laboratory. Please forward record or qualifications and past experience to Personnel Manager (Ref. Graham St., City Rd., N.1).

**TRAVELLERS WANTED.** Salary and commission sell popular lines to chemists and stores. Must be keen, experienced men. Apply Box 2/416.

**TWO VACANCIES** exist for representatives of products with sales ability in (1) Eastern Counties and (2) C. of Ireland, Durham, Northumberland and West Yorkshire. Excellent opportunities for enthusiastic chemists. Remuneration by salary and expenses. Write stating experience, salary required, age, and if car owner to Sales Manager, Westminster Laboratories, 1 Chalcot Rd., London, N.W.1.

**VACANCY** for sales representative. Established makers of exclusive toilet preparation have a vacancy in some areas for an experienced and well introduced sales representative who is willing to give proof of this and full details and references in first letter. On commission rate only (15%). Box 2/303.

**WANTED.** Representative to call on retail chemists in N.W. England with range of packed pharmaceutical products. This vacancy on an established territory is caused through the ill-health of present representative, who has been with the firm for over 30 years. Highest credentials necessary. State experience. Attractive remuneration offered by way of salary and commission. Send photograph if possible. Cupal, Ltd., Blackburn.

**YOUNG LADIES REQUIRED** for reagent section laboratory. Progressive situations. Five-day week. Apply to Chief Chemist, Hopkin & Williams, 1 St. Cross St., Hatton Garden, E.C.1.

# The CHEMIST AND DRUGGIST

## SUPPLEMENT

Supplement is included in every copy of Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

DECEMBER 20 1947

ailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

ices advertised are restricted to persons or payments excepted from the provisions of the of Engagement Order, 1947.

### SITUATIONS OPEN

36 words or less, 3d. for every additional word

#### RETAIL (HOME)

**ALIFIED ASSISTANT** required, male or No N.H.I. No Sunday or holiday duties. accommodation can be arranged if desired. state usual particulars. Early Bunn, Ltd., ts, 95 High St., Chelmsford, Essex.

**ANT WANTED**, male. A newly qualified find varied and valuable experience in this y. Please apply with the usual particulars de Cosh & Penfold, Ltd., Lower Union St.,

**CATIONS** are solicited from qualified and und staff for a several months contract in the a area for relief duties with small multiplication. Excellent rates of pay plus expenses. tions in first instance to Box 2/382.

**RD. Pharmacist**, lady or gentleman, wanted. ial post, good wages, reasonable hours; no nodation. Good family type business. Taylor, & Flood, Ltd., 71 High St., Bedford.

**ST** would like to hear of student experienced ensing to assist daily from four to six-thirty, whole day Saturday. Apply "A" Box 2/300.

**ON.** Lady with knowledge of dispensing ail pharmacy required. Unqualified or Hall. experience, salary required and photo if possi-Dawson, 309 London Rd. Croydon.

**ON.** Qualified assistant, or one qualifying for busy dispensing pharmacy. Excellent unity to gain all-round experience. No extra other advantages. Good salary offered to applicant, either sex. Coutts, Michie, 175

in Town Rd., N.W.1. \*Phone Gulliver 1650.

**ON CO-OPERATIVE CHEMISTS, LTD.**, have attractive and congenial vacancies for branch er pharmacists. Applications, in first instance, perintendent Chemist, 54 Maryland Street, rd, E.15.

**ON, S.E.1.** Assistant, male or female, for dispensing in busy working-class business for six months. Good remuneration. Please state available and salary required. Kembles ts, 69 Blackfriars Rd.

**IFIED MANAGER** required for branch shop. opportunities. Prospect of house if necessary. 's, Ltd., 265 Oldham Road, Rochdale, Lancs.

**SLEY & DIST. IND. CO-OPERATIVE SOCIETY**, 40 Elliott Street, Tyldesley. Qualified chemist

ician required as superintendent for new y to be opened in the near future. This permanent position with excellent opportuni-d advantages. Written applications to be led to the office of the above Society, giving d experience, together with copies of two

testimonials, not later than Saturday, y 3, 1948.

**QUALIFIED PHARMACIST** wanted as assistant for central shop; superannuated. Permanent, progressive position. 43-hour week. Newly decorated house available at early date. Applications, giving full particulars, not later than December 29, to General Manager, York Co-operative Society, Ltd., 22 Railway St., York.

**SCOTLAND.** Qualified chemist wanted to manage branch in Portree, Isle of Skye. Must be energetic business builder, knowledge of horticulture and veterinary sales an advantage. Good living accommodation available. Apply in writing, giving full particulars of age, experience and when free, to The Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1.

**THE BRIGHTSIDE & Carbrook Co-operative Chemists, Ltd.**, have vacancies for branch pharmacists. Permanent, progressive positions, good conditions and salary. Superannuation scheme (with transfer clause) in operation, and living accommodation available. Apply to the Superintendent Chemist at the Registered Office, 32 Sycamore St., Sheffield, 1.

**UNQUALIFIED** assistant, experienced dispensing and counter. London Central. Progressive permanency. Write, 146 Holborn, E.C.1.

**WANTED.** Qualified chemist. The Nantymoel Co-operative Society, Ltd., invite applications for the above position. Applications, stating age, experience and salary required. Pensions scheme in operation. 12 days' holiday with pay. Saturday early closing. Permanency. Applications, to be in by Tuesday, 23rd December, 1947, addressed to the Secretary, Nantymoel Co-operative Society, Ltd., 38 Dinam St., Nantymoel, and endorsed "Chemist."

**WE HAVE** several lucrative and interesting branch managerships available for pharmacists, both men and women. Accommodation available. Applications, in first instance, to Box 2/383.

#### WHOLESALE

**ACTIVE** and experienced representatives required on attractive commission basis. Calling on wholesale and retail pharmacy and Co-ops. Territories (1) North Wales; (2) Gloucester, Wilts, Dorset, Hants; (3) Somerset, Devon, Cornwall; (4) Norfolk, Cambs, Suffolk, Essex, Herts, Beds. Representing manufacturing chemists marketing established packed counter lines including toilet soap. Applications, in writing, with particulars of lines carried to sales division. Box 2/398.

**APPLICATIONS** are invited from young, recently qualified pharmacists of B.Pharm. or Ph.C. standard for appointment early in the New Year to the technical representative staff of a well-known company. In addition to sound training candidates must have the necessary personality required for interviewing members of the medical and allied professions. To men with the necessary ability these appointments offer good scope for progressive advancement. Applicants should submit full details of age, training and salary required, in first letter. Box 2/399.



**ACTIVE REPRESENTATIVES** required in all counties excluding Scotland, Lancashire, Yorkshire and Cheshire, to carry proprietary sanitary towels on commission basis. Only those representatives with live connections amongst Co-ops. and departmental stores need apply. All particulars to the Managing Director. Box 2/373.

**AN ESTABLISHED COMPANY** marketing nationally advertised products of high repute require experienced representatives with established connections amongst wholesale and retail chemists, ladies' hairdressers and hairdressers' sundriesmen. Salary, commission and expenses. Permanent and progressive appointment. Write stating age, area covered, details of past experience, whether car owner, salary required, to Box 2/371.

**EXPERIENCED** representatives or agents with good connection with retail pharmacists required by manufacturing chemists to carry an additional line on generous commission terms. Box 2/341.

**LANCASHIRE.** Prominent company has vacancy for an enthusiastic representative with real ability to sell range of widely advertised C.F. Proprietary Medicines. Progressive position. Salary and expenses. Write in complete confidence, giving full particulars of experience, age and salary required. Box 2/410.

**LONDON AND HOME COUNTIES.** Two representatives are required by manufacturing chemists of repute marketing range of popular and widely advertised C.F. proprietaries. These situations are permanent and progressive, remunerated by salary and expenses. Applicants must give fullest particulars of experience, age and salary required. Box 2/409.

**LONDON POSTAL AREA.** First-class representative required by well-known proprietary house. Qualifications: excellent connection with retail chemists, stores, Co-operative drug departments, etc. Remunerations: salary, expenses, and commission. Please reply, stating age, experience, and when free to commence, Sales Manager, Box 2/397.

**LONDON.** Unqualified assistant, male, with knowledge of proprietary medicines and toilet goods for drug department post order room. Write, stating full particulars and experience, to Box 790, Sells, Ltd., Brettenham House, Lancaster Place, London, W.C.2.

**MANUFACTURERS** of C.F. preparations require representatives or agents for all areas to carry their products on a 20 per cent. commission basis. Applicants must have good connection and be prepared to give full representation. Applications, with full particulars of present territory, companies represented and lines carried, to Box 2/390.

**REPRESENTATIVES** required with good connections amongst chemists, hairdressers, Co-ops., stores, etc., in any of the following areas, Dorset, Hants and Wilts/Notts, Derbys, Leicesters and Lincs/Stuffs, Worcestershire and Warwickshire/Cheshire, Shropshire and N. Wales; Lancs and Yorks, by progressive Midland chemist sundriesmen with connections partly established in these areas. Car essential. Salary, commission and expenses. Box 2/403.

**REPRESENTATIVES** required for the Newcastle and South-East and South-West London areas to handle smart range of packed pharmaceuticals. Connections amongst the grocery trade in these areas essential. Remuneration by salary, expenses and commission. Apply with fullest details, in strictest confidence, to Kempac, Ltd., Batley.

**REPRESENTATIVE** required by firm of manufacturing chemists to call upon doctors, chemists and hospitals in connection with high-class ethical pharmaceutical products. Salary, commission and expenses basis. Area South Warwickshire, Oxfordshire and Worcestershire district. Box 2/405.

**REPRESENTATIVE** required by manufacturing chemists for Norfolk and Suffolk, to sell on liberal commission three extensively advertised, fast-moving lines to chemists, grocers, Co-ops. and stores. Must be well introduced and already calling on this class of trade. Send full particulars to Box M. C., Metcalf Advertising, Ltd., 22 King Charles St., Leeds, 1.

**REPRESENTATIVES** required for proprietary Good incomes and prospects to men not afraid of hard work. Established connections with chemists, stores and Co-operatives. Send fullest details in confidence, prior to interview. Territories: London, Home Counties, South Coast, South Wales, East and Midlands. Box A. C. 24756, Sam Clark, 57-61 Mortimer St., London, W.1.

**REPRESENTATIVES** for two territories required to sell ethical house with wide range of preparations, including only on wholesale and retail chemists in South Wales and West Midlands; (2) East Midlands. We offer a permanent position, with liberal salary, expenses and commission, to men having established connection and long experience. Send full details, age, etc., in confidence, to Box 2/258.

**RESIDENT AGENTS** or representatives calling on high-class stores, chemists, Co-ops., etc., with good sales ability and connections to carry well-known lines of cosmetics, toilet goods, fancy goods, etc. Areas: Home Counties, Hertford, Beds, Bucks, Surrey, Sussex, Kent, Warwick, Worcs, Hereford, Derbyshire, Staffs, Shropshire, Northampton, Leicestershire, Rutland, Yorks West Riding, Glam, Carmarthen, Pembrokeshire, Cardiganshire, Mon, Brecknockshire, Devon, Cornwall, Somerset, Dorset, Wilts, Hants, Scotland, Glasgow, Paisley, Ayrshire, Lanark area, Edinburgh Area, Perth and Dundee area, Aberdeen and Northern areas. Many accounts already open. Salary, liberal commission, and support given. Car owners preferred. Box 2/401.

**SCOTLAND.** Manufacturing chemists require a sales representative, well introduced, experienced and with a live connection among chemists, grocers, Co-ops. and stores, to sell three fast-moving, advertised lines. Salary, expenses and commission basis. Must be a car owner. Write fully, giving proof of ability, age, etc., to Box S. M. C., Metcalf Advertising Ltd., 22 King Charles St., Leeds, 1.

**THE BRITISH DRUG HOUSES, LTD.,** have the following vacancies on their scientific staff. Qualified chemists in production departments to act as sales chemists. Experienced chemists of B.Sc. or equivalent qualification in the analytical laboratory. Experienced laboratory technicians with Inter B. qualification are also required in the analytical laboratory. Please forward record or qualifications and past experience to Personnel Manager (Ref. Graham St., City Rd., N.1).

**TRAVELLERS WANTED.** Salary and commission, sell popular lines to chemists and stores. Must be keen, experienced men. Apply Box 2/416.

**TWO VACANCIES** exist for representatives of products sales ability in (1) Eastern Counties and (2) Cumberland, Durham, Northumberland and Westmorland. Excellent opportunities for enthusiastic men. Remuneration by salary and expenses. Write stating experience, salary required, age, and if car owner to Sales Manager, Westminster Laboratories, Ltd., Chalcot Rd., London, N.W.1.

**VACANCY** for sales representative. Established makers of exclusive toilet preparation have vacancy in some areas for an experienced and well introduced sales representative who is willing to give proof of this and full details and references in first letter. On commission rate only (15%). Box 2/303.

**WANTED.** Representative to call on retail chemists in N.W. England with range of packed pharmaceutical products. This vacancy on an established territory is caused through the ill-health of the present representative, who has been with the firm for over 30 years. Highest credentials necessary. State experience. Attractive remuneration offered by way of salary and commission. Send photograph if possible. Cupal, Ltd., Blackburn.

**YOUNG LADIES REQUIRED** for reagent section laboratory. Progressive situations. Five-day week. Apply to Chief Chemist, Hopkin & Williams, Ltd., St. Cross St., Hatton Garden, E.C.1.

## SITUATIONS WANTED

18 words or less, 1d. for every additional word

### WHOLESALE

4, Ewell, Worcester Park area. Unqualified ser-bookkeeper requires post with chemist, al or doctor. Part time preferred. Box 2/394.

EXPERIENCED Irish representative. Pharmaceutical seeks representation reputable firm. Conous worker. Extensive connections whole-retailers. Box 2/348.

CLASS, qualified representative or sales man-20 years' experience. Midlands preferred. eration £800/£1,000 per year. Box 2/414.

MACIST (32) desires post, London, preferably manufacturer or control. Manufacturing, analy-and retail experience. Box 2/415.

## APPOINTMENTS

### CONNAUGHT HOSPITAL, E.17

ISTANT DISPENSER required. Appoint-ment vacant early January. Hospital experi-ferred. Male or female. If holding Certificate salary will be £270-£350 accord-to experience. Applications, stating age, fications and experience and names of two ees, to be sent to the undersigned, HALTON HARRISON.

### METROPOLITAN HOSPITAL

KINGSLAND ROAD,  
HACKNEY, E.8.

IOR ASSISTANT in Pharmaceutical Dem-ent required. Previous hospital experi- an advantage. Pharmaceutical certificate e considered. J.N.C. Salary Scales and rated Superannuation Scheme in force. rs 9 to 5. Lunch provided. Apply, giving qualification, experience and references, to ouse Governor.

### SEEN MARY'S HOSPITAL FOR THE EAST END,

Stratford, London, E.15.  
ASSISTANT PHARMACIST

lications are invited from registered macists for this appointment which will e nt on January 12, 1948. Salary scale, £370 annum with annual increases of £15 up to 0 per annum. Commencing salary within according to qualifications and experience. rated Superannuation Scheme in force. e applications giving full particulars of age, fications and experience and copies of d testimonials should be sent to the under- d as soon as possible.

M. J. HUNTLEY,  
House Governor and Secretary.

### SURREY COUNTY COUNCIL

LUKE'S HOSPITAL, GUILDFORD  
IL PHARMACIST (male or female) re- d. Preference will be given to candidates possess a Degree or Diploma in Pharmacy, applications from others with Dispensary e only will also be considered. Salary e £200 p.a. for the holder of B.Pharm. e and will be fixed according to age and e for an unqualified pupil. Further ulars may be obtained from the Medical ntendent of the Hospital to whom appli- s, by letter, stating age, qualifications e experience, together with three testimonials, d be sent.

## AGENCIES

17/6 for 36 words or less, 4d. for every additional word

AGENTS required to sell bottles and caps to chem-ists and hairdressers. Only those with existing con-nections need apply. Generous terms offered. Box 2/406.

AGENTS wanted by firm of surgical rubber goods. Gentlemen with good connections in the retail trade. Apply, stating territory to Box 1/862.

NORTHERN IRELAND manufacturers' agents having sound connections with the pharmaceutical trade throughout the province are open to accept additional agencies. Reply to Box 2/392.

REPRESENTATION invited for ethical preparations to the medical profession. Box No. 476, Arthur S. Dixon, Ltd., 229 High Holborn, W.C.1.

## BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

FACTORY SPACE and skilled packaging staff avail-able. Well-known manufacturers with surplus pack-aging capacity used for external contracts would be glad to hear from pharmaceutical manufacturers or similar light product manufacturers requiring short term or long term assistance with packing. Box 2/391  
PACKING SPACE available for dry products. Small packages suitable for line work. Applicants supply all material. Apply Box 2/396.

PROPRIETORS of hygienic factory have facilities for assembly work or light packing. Strictest super-vision and good work guaranteed. Write Box A.C. 24563, Samson Clarks, 57/61 Mortimer St., W.1.

SERVICES OFFERED. Facilities for bottling any in-dustrial, chemical or pharmaceutical preparations. "Telegraphic address "Pellets," Tipton.

SURPLUS capacity available for making 13/32 in. dia., 1/2 in. dia., 3/4 in. dia. tablets. We can supply bulk or packed under your own labels. Box 2/402.

## BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

FOR SALE by private bargain, the old-established chemist's business and shop situated at 8 King Street, Inverbervie, Kincardineshire, Scotland. Wide area served. Shop suitably equipped. Optics, also carried on. Owner going abroad. Immediate entry. Rental £18. No feuduity. For particulars of over-turn, etc., apply to Messrs. Cunningham and Robertson, Solicitors, Stonehaven, Scotland.

## MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

AVAILABLE for prompt delivery: 3 cwt. agar-agar; 2 cwt. best quality edible gelatine powder; 1 cwt. edible fine leaf gelatine. Further particulars on request. Box 2/393.

BOTTLES. Surplus stocks often available. 16 oz., 8 oz. and 2 oz. ribbed ovals. 4 oz. and 2 oz. flat medicals. Offer prices when writing. Apply Box 2/395.

SURPLUS Copper Sulphate, Sodium Sulphate B.P. and Commercial Crystals, Sulphur Brown Dye 200%, Sulphur Brown Dye 400%, Benzoic Acid B.P.C., Borynl Acetate Pure, Salt Cake, Camphor Tablets and Powder B.P., Oleic Acid and Sper-maceti Wax. Box 2/377.

SURPLUS STOCK DISPOSAL. Salol, aspirin tablets, anisaldehyde, calcium gluconate, DDT, cholesterol, methylcellulose, parachlorometacresol, pheno-barbi-tone, spermaceti, sulphonated lauryl alcohol, zinc oxide. Telephone Welbeck 2263 or Box 2/404.

SURPLUS STOCK at cost. Coffret boxes, attractively covered, ideal for packing Xmas gift sets. Approx. 50 gross each of the following sizes: 4 x 2 x 3/4; 4 x 4 x 3/4; 6 x 2 x 3/4; 7 x 4 x 1; 6 x 3/2 x 2; 7 1/2 x 5 x 1 1/2; 6 x 5 x 3; 8 1/2 x 5 x 2 1/2. Immediate delivery by road on 100 gr. lots. Edwards, 3 St. Helens Rd., Doncaster. Phone 53513.



# ★ Revised Retail Price List of ★ "Vaseline"

BRAND

## PREPARATIONS

AND

## PINEOLEUM BRAND PRODUCTS

	Retail Price Inc. P. Tax
* "Vaseline" Blue Seal Yellow Petroleum Jelly.	
No. 1 size, bottles ... ..	6½d.
"Vaseline" Yellow Petroleum Jelly.	
*No. 1 size tins ... ..	3½d.
1 lb. tins, round ... ..	2/6d.
"Vaseline" White Petroleum Jelly.	
*No. 1 size tins ... ..	4½d.
*No. 1 size bottles ... ..	7½d.
*No. 2 size tubes ... ..	1/3d.
1 lb. tins, round ... ..	3/4d.
*"Vaseline" Borated Petroleum Jelly.	
Tubes ... ..	1/3d.
*"Vaseline" Capsicum Petroleum Jelly.	
Tubes ... ..	1/3d.
*"Vaseline" Carbolated Petroleum Jelly.	
Tubes ... ..	1/3d.
*"Vaseline" Camphor Ice. Card boxes...	10d.
*"Vaseline" Hair Tonic.	
No. 1 size bottle ... ..	2/11d.
No. 2 size bottle ... ..	4/10d.
*"Vaseline" Soapless Shampoo Packets	5½d.
‡Pineoleum Brand Nebulizer Outfit, with and without Ephedrine.	
Outfit, complete with inhalant, in carton ... ..	11/8d.
‡Pineoleum Brand Inhalant with and without Ephedrine.	
100 c.c. bottle, in carton ... ..	6/3d.
15 c.c. bottle with dropper ... ..	2/3d.
‡Pineoleum Brand Ephedrine Jelly.	
Collapsible tube with applicator ... ..	1/7d.

\* On **PATA** List.‡ On  List.

**CHESEBROUGH MANUFACTURING CO., LTD.**  
Victoria Road, Willesden, N.W.10

We regret that we can only accept orders through our representatives

Sole Distributors for **BAYBANK PHARMACEUTICALS**  
Inc. (Pineoleum Brand Products)

**SURPLUS.** 60 gross 3-oz. tablet bottles, with cap 320 gross pint corks. 60 gross quart corks, 40.0 transparent and Manila envelopes, size 2½ in. x 4 in. Samples, prices available on request. Apply B 2/351.

**150-200 GROSS UNUSED** 2-oz. opal cream complete with black caps. Packed in cartons of doz. Box 2/379.

**200,000 SPOOLS** surgical adhesive tape. Enan spools containing 5 yds. x 1 in. tape. Brand ne. Packed in original cartons, U.S.A. manufacture. Firms of high repute. Offered at bargain price. Send for quotation, stating quantity required. Uniproducts (M/C), Ltd., 136 Bolton Rd., Salford 6, Lancs. Tel. Pendleton 1341/3.

## WANTED

8/6 for 36 words or less, 3d. for every additional w.

**CALCII CARB.**, dense, B.P., aspirin, granular, B. saccharin powder 550 and No. 3 tablet bottles urgently required by manufacturers. Box 2/268.

**CARMINE WANTED.** Regular monthly supplies contract preferred, but single lots any quantity be accepted. Sample and price required to 2/246.

**FOR EXPORT:** Barium chloride, papaverine hydrochloride, sodium nucleinate. Box 2/326.

**GLYCERINE B.P.** urgently required. Good price offered or 27 dozen packets standard saccharine pellets (100's) in exchange or 1 cwt. pro rata for or 56-lb. tins white petroleum jelly B.P. in large quantities. Box 2/180.

**HOMOGENISER WANTED.** Brotherhood-Laval similar. Stainless steel with output of 20-30 g per hour. Particulars to Box 2/325.

**PACKER** requires regular monthly supplies of liquorice and menthol pellets. Particulars to 2/298.

**PACKER** requires regular monthly supplies of peppermint tablets. Particulars to Box 2/299.

**PHENACETIN B.P.**, Mag Carb Levis B.P., Formic Acid 85%, Formaldehyde 40% and Glycerine required in various quantities. Highest market prices paid. Box 2/376.

**POWDER FILLING MACHINE** wanted for filling scouring powder drums, tins, face powder, tal powder, etc., inexpensive offers preferred. 2/408.

**STEARIC ACID**, triple pressed required in large quantities. Box 147/850.

**WANTED.** Phenacetin, glycerine, required manufacturing chemists. Offers to Box 2/307.

**WANTED.** Large lots clean used jars, 4-oz. or less. Also 4-oz. size new, for cash. Box 2/401.

**WANTED.** Backing papers only, size 120, 620, must be in perfect condition and rolled in bundles of 1 dozen each. Payment of 2/- per dozen return. Enclose name and address in parcel, state number sent. Gray's Camera Shop, Lower Middle St., Taunton.

**WANTED.** Spools and backing papers, 120, 620, sizes; must be in perfect condition with backing papers wound round spools. Payment of 3/- dozen by return. Enclose name and address in parcel and give count. Gray's Camera Shop, Lower Middle St., Taunton.

**WANTED.** Abbe Refractometer or similar instrument for oils and/or sugars. Blackwell, Hayes Co., 54 Moor St., Birmingham.

**WANTED.** Glycerine B.P. Any quantity. 2/407.

## FOR SALE

8/6 for 36 words or less, 3d. for every additional w.

**FOR SALE.** Mahogany show case, horizontal curved glass top, mirror back. Size 6 ft. 4 in. 2 ft. 1 in; perfect. Also pear-shaped carboy, 2 ft. high. Offers and further particulars, write 781 St., Strood, Kent.

## SITUATIONS WANTED

18 words or less, 1d. for every additional word

### WHOLESALE

W. Ewell, Worcester Park area. Unqualified  
ser-bookkeeper requires post with chemist,  
al or doctor. Part time preferred. Box 2/394.

EXPERIENCED Irish representative. Pharmaceutical  
seeks representation reputable firm. Con-  
scious worker. Extensive connections whole-  
retailers. Box 2/348.

CLASS, qualified representative or sales man-  
20 years' experience. Midlands preferred.  
eration £800/£1,000 per year. Box 2/414.

MACIST (32) desires post; London, preferably  
manufacturer or control. Manufacturing, analy-  
and retail experience. Box 2/415.

## APPOINTMENTS

### CONNAUGHT HOSPITAL, E.17

STANT DISPENSER required. Appoint-  
vacant early January. Hospital experi-  
preferred. Male or female. If holding  
Certificate salary will be £270-£350 accord-  
to experience. Applications, stating age,  
ifications and experience and names of two  
ees, to be sent to the undersigned,  
ALTON HARRISON.

### METROPOLITAN HOSPITAL

KINGSLAND ROAD,

HACKNEY, E.8.

FOR ASSISTANT in Pharmaceutical De-  
partment required. Previous hospital experi-  
an advantage. Pharmaceutical certificate  
be considered. J.N.C. Salary Scales and  
rated Superannuation Scheme in force.  
s 9 to 5. Lunch provided. Apply, giving  
qualification, experience and references, to  
House Governor.

### GREEN MARY'S HOSPITAL FOR THE EAST END,

Stratford, London, E.15.  
ASSISTANT PHARMACIST

Applications are invited from registered  
pharmacists for this appointment which will be  
t on January 12, 1948. Salary scale, £370  
num with annual increases of £15 up to  
per annum. Commencing salary within  
according to qualifications and experience.  
ated Superannuation Scheme in force.  
Applications giving full particulars of age,  
ifications and experience and copies of  
testimonials should be sent to the under-  
as soon as possible.

M. J. HUNTLEY,  
House Governor and Secretary.

### SURREY COUNTY COUNCIL

LUKE'S HOSPITAL, GUILDFORD  
L. PHARMACIST (male or female) re-  
l. Preference will be given to candidates  
possess a Degree or Diploma in Pharmacy,  
Applications from others with Dispensary  
ence only will also be considered. Salary  
£200 p.a. for the holder of B.Pharm.  
and will be fixed according to age and  
ence for an unqualified pupil. Further  
ulars may be obtained from the Medical  
intendent of the Hospital to whom appli-  
s, by letter, stating age, qualifications  
perience, together with three testimonials,  
be sent.

## AGENCIES

17/6 for 36 words or less, 4d. for every additional word

AGENTS required to sell bottles and caps to chem-  
ists and hairdressers. Only those with existing con-  
nections need apply. Generous terms offered. Box  
2/406.

AGENTS wanted by firm of surgical rubber goods.  
Gentlemen with good connections in the retail trade.  
Apply, stating territory to Box 1/862.

NORTHERN IRELAND manufacturers' agents having  
sound connections with the pharmaceutical trade  
throughout the province are open to accept addi-  
tional agencies. Reply to Box 2/392.

REPRESENTATION invited for ethical preparations  
to the medical profession, Box No. 476, Arthur S.  
Dixon, Ltd., 229 High Holborn, W.C.1.

## BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

FACTORY SPACE and skilled packaging staff avail-  
able. Well-known manufacturers with surplus pack-  
aging capacity used for external contracts would be  
glad to hear from pharmaceutical manufacturers or  
similar light product manufacturers requiring short  
term or long term assistance with packing. Box 2/391  
PACKING SPACE available for dry products. Small  
packages suitable for line work. Applicants supply  
all material. Apply Box 2/396.

PROPRIETORS of hygienic factory have facilities  
for assembly work or light packing. Strictest super-  
vision and good work guaranteed. Write Box A.C.  
24563, Samson Clarks, 57/61 Mortimer St., W.1.

SERVICES OFFERED. Facilities for bottling any in-  
dustrial, chemical or pharmaceutical preparations.  
Telegraphic address "Pellets," Tipton.

SURPLUS capacity available for making 13/32 in.  
dia., 1/2 in. dia., 5/8 in. dia. tablets. We can supply  
bulk or packed under your own labels. Box 2/402.

## BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

FOR SALE by private bargain, the old-established  
chemist's business and shop situated at 8 King  
Street, Inverbervie, Kincardineshire, Scotland. Wide  
area served. Shop suitably equipped. Optics, also  
carried on. Owner going abroad. Immediate entry.  
Rental £18. No feuduty. For particulars of over-  
turn, etc., apply to Messrs. Cunningham and  
Robertson, Solicitors, Stonehaven, Scotland.

## MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

AVAILABLE for prompt delivery: 3 cwt. agar-agar;  
2 cwt. best quality edible gelatine powder; 1 cwt.  
edible fine leaf gelatine. Further particulars on  
request. Box 2/393.

BOTTLES. Surplus stocks often available. 16 oz.,  
8 oz. and 2 oz. ribbed ovals. 4 oz. and 2 oz. flat  
medicals. Offer prices when writing. Apply Box  
2/395.

SURPLUS Copper Sulphate, Sodium Sulphate B.P.  
and Commercial Crystals, Sulphur Brown Dye  
200%, Sulphur Brown Dye 400%, Benzoic Acid  
B.P.C., Bornyl Acetate Pure, Salt Cake, Camphor  
Tablets and Powder B.P., Oleic Acid and Sper-  
maceti Wax. Box 2/377.

SURPLUS STOCK DISPOSAL. Salol, aspirin tablets,  
anisaldehyde, calcium gluconate, DDT, chloretol,  
methylcellulose, parachlorometacresol, pheno-barbi-  
tone, spermaceti, sulphonated lauryl alcohol, zinc  
oxide. Telephone Welbeck 2263 or Box 2/404.

SURPLUS STOCK at cost. Coffret boxes, attractively  
covered, ideal for packing Xmas gift sets. Approx.  
50 gross each of the following sizes: 4 x 2 x 1 1/2;  
4 x 4 x 1 1/2; 6 x 2 x 1 1/2; 7 x 4 x 1; 6 x 3 1/2 x 2;  
7 1/2 x 5 x 1 1/2; 6 x 5 x 3; 8 1/2 x 5 x 2 1/2. Immediate  
delivery by road on 100 gr. lots. Edwards, 3 St.  
Helens Rd., Doncaster. Phone 53513.



# ★ Revised Retail Price List of ★ "Vaseline"

BRAND

## PREPARATIONS

AND

## PINEOLEUM BRAND PRODUCTS

Retail Price  
Inc. P. Tax

* "Vaseline" Blue Seal Yellow Petroleum Jelly.		
No. 1 size, bottles	...	6½d.
"Vaseline" Yellow Petroleum Jelly.		
*No. 1 size tins	...	3½d.
1 lb. tins, round	...	2/6d.
"Vaseline" White Petroleum Jelly.		
*No. 1 size tins	...	4½d.
*No. 1 size bottles	...	7½d.
*No. 2 size tubes	...	1/3d.
1 lb. tins, round	...	3/4d.
**"Vaseline" Borated Petroleum Jelly.		
Tubes	...	1/3d.
**"Vaseline" Capsicum Petroleum Jelly.		
Tubes	...	1/3d.
**"Vaseline" Carbolated Petroleum Jelly.		
Tubes	...	1/3d.
**"Vaseline" Camphor Ice. Card boxes...		10d.
**"Vaseline" Hair Tonic.		
No. 1 size bottle	...	2/11d.
No. 2 size bottle	...	4/10d.
**"Vaseline" Soapless Shampoo Packets		5½d.
‡Pineoleum Brand Nebulizer Outfit, with and without Ephedrine.		
Outfit, complete with inhalant, in carton	...	11/8d.
‡Pineoleum Brand Inhalant with and without Ephedrine.		
100 c.c. bottle, in carton	...	6/3d.
15 c.c. bottle with dropper	...	2/3d.
‡Pineoleum Brand Ephedrine Jelly.		
Collapsible tube with applicator	...	1/7d.

\* On **PATA** List.‡ On  List.

CHESEBROUGH MANUFACTURING CO., LTD.  
Victoria Road, Willesden, N.W.10

We regret that we can only accept orders through our representatives

Sole Distributors for BAYBANK PHARMACEUTICALS  
Inc. (Pineoleum Brand Products)

**SURPLUS.** 60 gross 3-oz. tablet bottles, with cap 320 gross pint corks. 60 gross quart corks, 40,000 transparent and Manila envelopes, size 2½ in. x 4 in. Samples, prices available on request. Apply Box 2/351.

**150-200 GROSS UNUSED** 2-oz. opal cream pot complete with black caps. Packed in cartons of doz. Box 2/379.

**200,000 SPOOLS** surgical adhesive tape. Enam spools containing 5 yds. x 1 in. tape. Brand new. Packed in original cartons, U.S.A. manufacture, firms of high repute. Offered at bargain price. Send for quotation, stating quantity required. Uniproducts (M/c), Ltd., 136 Bolton Rd., Salford 6, Lancs. Tel. Pendleton 1341/3.

## WANTED

8/6 for 36 words or less, 3d. for every additional word

**CALCII CARB.**, dense, B.P., aspirin, granular, B.I. saccharin powder 550 and No. 3 tablet bottle urgently required by manufacturers. Box 2/268.

**CARMINE WANTED.** Regular monthly supplies contract preferred, but single lots any quantity will be accepted. Sample and price required to Box 2/246.

**FOR EXPORT:** Barium chloride, papaverine hydrochloride, sodium nucleinate. Box 2/326.

**GLYCERINE B.P.** urgently required. Good price offered or 27 dozen packets standard saccharine tablets (100's) in exchange or 1 cwt. pro rata for or 56-lb. tins white petroleum jelly B.P. in large quantities. Box 2/180.

**HOMOGENISER WANTED.** Brotherhood-Laval similar. Stainless steel with output of 20-30 gal. per hour. Particulars to Box 2/325.

**PACKER** requires regular monthly supplies of bu liquoreice and menthol pellets. Particulars to Box 2/298.

**PACKER** requires regular monthly supplies of bu peppermint tablets. Particulars to Box 2/299.

**PHENACETIN B.P.**, Mag Carb Levis B.P., Form Acid 85%, Formaldehyde 40% and Glycerine B.P. required in substantial quantities. Highest market prices paid. Box 2/376.

**POWDER FILLING MACHINE** wanted for filling scouring powder drums, tins, face powder, talc powder, etc., inexpensive offers preferred. Box 2/408.

**STEARIC ACID**, triple pressed required in large quantities. Box 147/850.

**WANTED.** Phenacetin, glycerine, required manufacturing chemists. Offers to Box 2/307.

**WANTED.** Large lots clean used jars, 4-oz. size or less. Also 4-oz. size new, for cash. Box 2/401.

**WANTED.** Backing papers only, size 120, 620, 12 must be in perfect condition and rolled in bundle of 1 dozen each. Payment of 2/- per dozen return. Enclose name and address in parcel a state number sent. Gray's Camera Shop, Lower Middle St., Taunton.

**WANTED.** Spools and backing papers, 120, 620, 1 sizes; must be in perfect condition with backing papers wound round spools. Payment of 3/- per dozen by return. Enclose name and address in parcel and give count. Gray's Camera Shop, Lower Middle St., Taunton.

**WANTED.** Abbe Refractometer or similar instrument for oils and/or sugars. Blackwell, Hayes Co., 54 Moor St., Birmingham.

**WANTED.** Glycerine B.P. Any quantity. Box 2/407.

## FOR SALE

8/6 for 36 words or less, 3d. for every additional word

**FOR SALE.** Mahogany show case, horizontal type curved glass top, mirror back. Size 6 ft. 4 in. 2 ft. 1 in; perfect. Also pear-shaped carboy, 23 in. high. Offers and further particulars, write 78 High St., Strood, Kent.

**From the central jungles of  
Brazil to London—the Drug  
Refining centre of the world**

NICARAGUA

COSTA RICA

PANAMA

COLOMBIA

B R A Z I L

PERNAMBUCO

MATTO GROSSO

BAHIA

RIO DE JANEIRO

*Whiffen's*

**LIQUID EXTRACT OF  
IPECACUANHA, B.P.**

Manufactured and standardised by

**WHIFFEN & SONS LTD**

INCORPORATING GEORGE ATKINSON & COMPANY, EST. 1654

**FULHAM, LONDON, S.W.6**

Telephone: RENOWN 3416 (Private Branch Exchange)

Telegrams: WHIFFEN, LONDON



# A 25 day vitamin course in 25 **TYEVITE** capsules

**BECAUSE EACH Tye vite vitamin capsule contains the recommended FULL DAILY prophylactic dose.**

## FORMULA

Vitamin A 4,500 i.u. : : : equals one standard capsule of Halibut Oil (N.W.F.)

## PLUS

Vitamin D (Calciferol) ...	600 i.u.
Vitamin B1 (Aneurin hydrochloride)	0.3 Mg.
Vitamin B2 (Riboflavin)	0.5 Mg.
Vitamin C (Ascorbic Acid)	15.0 Mg.
Vitamin E (Tocopheryl acetate) ...	0.15 Mg.
equals 1 minim of high grade Wheat Germ Oil	
Calcii Phos. ...	20.0 Mg.
Ferri Phos. ...	100.0 Mg.

Other Tyebrand products include:—

TYEBRAND Halibut Liver Oil (N.W.F.) capsules, TYEBRAND Vitamin A. & D. (N.W.F.) capsules, TYEBRAND Pluravit (N.W.F.) capsules, TYEBRAND Vitamin "E" capsules, TYEBRAND Vitamin "D" capsules.

## INTRODUCTORY BONUS OFFER

Order TYEVITE in its new display carton. Retailing at 5/- per box TYEVITE is the most economically priced vitamin course on the market. A complete 25-day course contained in only 25 capsules. TYEVITE is headed for the success achieved by other Tye products. Send now for introductory bonus offer—13 tins for trade price of 12.



RETAILS 5/-

PER BOX  
OF 25

JOHN TYE & SON LTD. · MANUFACTURING CHEMISTS · 457 CALEDONIAN ROAD · N7

CAPSULE MAKERS FOR OVER A CENTURY

ANTYEMOSTIK—A SHIELD AGAINST INSECT PESTS

TYESUCLEAN—CLOTHING STAIN-REMOVER

Best sellers are capsuled by **TYE**